

ITA CONFERENCE PAPERS

ORDER PROCEDURE

To order Conference Papers, select by prefix number and enter details on the attached Order Form.

All Order Forms must show your name and address details.

All orders will be despatched upon receipt of payment against our invoice and will be payable to **International Tube Association** in the currency shown net and exclusive of charges.

The contents of all papers are not the responsibility of the ITA.

All papers are sold subject to availability.

In the event of papers not being available you will be notified.



International Tube Association

46 Holly Walk, Leamington Spa, Warwickshire CV32 4HY, UK

Tel: +44 1926 834681 Fax: +44 1926 314755

E-mail: info@itatube.org Website: www.itatube.org

International Conference Pipe & Tube World Conference 2011 Congress Center Düsseldorf, Germany 7-9 November 2011

- 1137 **Solutions for tube & pipe producers** M Cottin, SMS Meer, Germany
- 1138 **Latest developments in welded pipe production**
J Nardi, Danieli W & K, Germany
- 1139 **Modernising the technology of making thin-walled large diameter tubes at tube rolling units equipped with polger mills**
V Balakin, National Metallurgical Academy, Ukraine
- 1140 **The research and development of deep water offshore pipeline of Baosteel UOE SAWL x70, heavy wall thickness/large diameter**
S Xie, Baoshan Iron & Steel, China
- 1141 **Overview of large diameter pipes market**
C Kalwa, Europipe, Germany
- 1142 **ODF technology for welded tube and pipe manufacturing**
Y Lin, Nakata Mfg Co, Japan
- 1143 **Creating the value in line pipe production plant by applying high technology, waste free lean process flow and experience**
H Duman, Borusan Mannesmann Boru, Turkey
- 1144 **The digital spiral mill** R Bettie, Meta Vision Systems, UK
- 1145 **Fabrication of hot induction bends from SAW large diameter pipes manufactured from TMCP plate material**
E Muthmann, Salzgitter annesmann Grobblech, Germany
- 1146 **Efficient cutting of high tensile OCTG materials**
H-J Braun, Reika GmbH, Germany
- 1147 **High precision measurement possibilities for continuous process control and quality reporting** P Rousselot, Zumbach Electronic AG, Switzerland
- 1148 **Competitive advantage with system**
M Siegl, Linsinger Maschinenbau GmbH, Austria
- 1149 **Introduction of new finishing plant at Sumitomo Metals**
N Mori, Sumitomo Metal Industries, Japan
- 1150 **General OCTG market situation - demand, supply, capacities and trends for Europe, North America, Middle East, former Soviet Union & Africa**
H Witt, Voestalpine Tubulars GmbH, Austria
- 1151 **FRT - four roll technology, the latest development in tube OD finishing**
G Grandi, Danieli Centro tube, Italy
- 1152 **Computer aided pass adjustment system for tubes**
R Curry, Kocks Pittsburgh Co, USA
- 1153 **Structure and tube properties from steel grade X10CrMoVNb9-1 produced in Zelezarne Podbrezova, Slovakia**
L Parilak, Zelezarne Podbrezova, Slovakia
- 1154 **New flexible tube forming processes - tool independent forming of tubes to complex workpieces with workpiece-invariant tools** C Becker, Institute of Forming Technology and Lightweight Construction, Germany
- 1155 **Features of installation of working roll passes in the stands of PQF mill**
S Kondratyev, SPC Precisiontrub-Yug LLC, Ukraine
- 1156 **Making tubes with discontinuous cross sections by means of 3D roll forming** A Sedlmaier, kata M Sheet Metal Solutions, Germany
- 1157 **Using integrated software applications and intelligent workshop layouts to optimise design and fabrication flow in tube and pipe production**
C Tripscha, 3R Software Solutions, Germany
- 1158 **JCO pipe making technology - highly efficient technology and environmental protection** B Genser, SMS Meer, Germany
- 1159 **Developments at Arvedi in mechanical tubing**
M Caldonazzo, Arvedi Tube Acciaio, Italy
- 1160 **Heavy gauge production challenges for critical applications using the HFI technique** Corinth Pipeworks, Greece
- 1161 **Overview of European welded pipe markets**
M Vertemberg, Steel Orbis, Ukraine
- 1162 **In-line seam heat treatment technology**
J Asperheim, EFD Induction a.s., Norway
- 1163 **In search of the perfect solid state weld** M Nallen, ThermoTool, USA

- 1164 **Assessment of precision tube quality. Issues and prospects**
Y Y Lizinskaya, National Metallurgical Academy of Ukraine, Ukraine
- 1165 **The forming of composite tubes and pipes using rotary sizing technology**
B Chidlow, Kusakabe Electric & Machinery Co, Japan
- 1166 **Numerical simulation of welded large diameter pipe manufacturing**
V Aleshin, Physical & Training Center LLC, Russia

YOKOHAMA TUBE & PIPE 2011 JOINT SYMPOSIUM "Innovative Tube & Pipe Manufacturing and Forming" 13-15 June 2011 International Convention Center, Osaka, Japan

- 1101 **'Development of Conversion Type EV'**
- M. Fukuda, Tokyo R&D Co. Ltd, Japan
- 1102 **'Issues of Complicated Artifacts and Embedded Software'**
- T. Mase, Digital-Process Co. Ltd, Japan
- 1103 **'Global Strategy of Press Forming Machines'**
- Y. Suzuki, Komatsu Ltd, Japan
- 1104 **'Present Status and Future Scope of Chinese Steel Industry'**
- Z. Yang / J. Su, Int'l Cooperation, CISA, China
- 1105 **'Present Status & Future Challenges for European Steel Tube Producers'**
- K. Welters, German Steel Pipe Association, Germany
- 1106 **'Recent Production Technology of Large Diameter Line Pipe'**
- H. Asahi, Nippon Steel Co. Ltd, Japan
- 1107 **'SMS Meer-JCO Pipe Making Technology'**
- M. Cottin, SMS Meer GmbH, Germany
- 1108 **'Production of UFG Steel Sheets and Application to Steel Products'**
- K. Hakomori, Nakayama Steel Works Co. Ltd, Japan
- 1109 **'High-End Tube Manufacturing Process of "AMAGASAKI" Steel Tube Works'** - T. Nakai, Sumitomo Metals Co. Ltd, Japan
- 1110 **ODF Technology for Welded Tubes/Pipes'**
- F. Wang / M. Kiuchi, Nakata Mfg Ltd, Japan
- 1111 **'Development of New ERW Tubing with High Strength and Excellent Formability Using Controlled Tube Rolling'**
- T. Okabe, JFE Steel Co. Ltd, Japan
- 1112 **'Parameters Influencing In-line Weld-seam Heat Treatment'**
- J. Inge Asperheim, EFD Induction a.s., Norway
- 1113 **'In Search of the Perfect Solid State Weld'**
- T. Ignatowski, ThermoTool, Ltd, USA
- 1114 **'Circumstances of Cu & Cu-alloy Tubes / Pipes - Present & Future'**
- T. Ando, Sumitomo Light Metals Co Ltd, Japan
- 1115 **'Latest Trend of Extruded Aluminium Tube of Heat Exchanger for Automobile Air Conditioning'**
- Y. Hyogo, Mitsubishi Aluminum Co. Ltd, Japan
- 1116 **'Workability of Specialty Tubing in Cold Pilgering'**
- H. Abe, Zirco-Products Co., Ltd, Japan
- 1117 **'Manufacturing of Superior Structural Tubes/Pipes with Profiled Sections'**
- T. Kitawaki / K. Matsumura, Toyo Superior Steel Tube Works Ltd, Japan
- 1118 **'Present Status and Future Scope of Tube Industry in China'**
- G. Ding, CCRSA, China
- 1119 **'Overview of APOLO TUBULARS HEIWF Tubes/Pipes and Brazil Emerging Opportunities & Investments'**
- W. Cordeiro, Apolo Tubulars Co. Ltd, Brazil
- 1120 **'Overview of Technological Innovation of Tube & Pipe Production'**
- Y. Mihara, Tube Eng'g. Forum, ISIJ, Japan
- 1121 **'Automatic Gap and Mismatch Control on Spiral Pipe Mills'**
- R. J. Beattie, Meta Vision Systems Ltd, UK
- 1122 **'History of Manufacturing Development of Large Sized Forming Rolls'**
- M. Muroshige / T. Hidaka, Hitachi Metals Ltd, Japan
- 1123 **'Design and Manufacture of Functional Rolls'**
- R. Yamshita, Sanyo-Seiki Ltd, Japan

- 1124 ‘Application of AC Servo Press Technology – Current Situation & Future Application’ – K. Kawamoto, Komatsu Corp. Japan
- 1125 ‘Advanced Laser Technology for Pipe Cutting’
– S. Miyabuchi, AMADA Corp. Japan
- 1126 ‘Development of All Position GTA Welding Robot System’
– Y. Ikezawa, Kawasaki Heavy Industry Ltd, Japan
- 1127 ‘A New Era, The Linear Cage Forming System’
– R. Bosoni, Olimpia 80 s.r.l, Italy
- 1128 ‘Making Roll Forming Flexible - Introduction to Chain Forming’
– S. Ding, Univ. of Wollongong, Australia
- 1129 ‘Advanced Technologies for Value-added Tubes & Pipes’
– H. Weber, Dreistern GmbH & Co. KG, Germany
- 1130 ‘State-of-the-Art, Set of Ultrasonic Examination Equipment for The Modern Pipes Production Lines’
– A. Kirikov, Nordinkraft AG, Germany
- 1131 ‘Innovation Work on New Tube & Pipe Technology of MFI & USTB’
– J. Han, University of Science & Technology, Beijing, China
- 1132 ‘Savings with Multiple Blade Tube Cut-off Machines for Outweigh Investment Cost’ – J. Worthing, Linsinger Corp, Austria
- 1133 ‘New Developments of Flexible Cold Roll Forming Machine’
– H. Ona, Takusyoku Univ. Japan
- 1134 ‘FEA Analysis on 600MPa TRIP Steel Variable Section Roll Forming with Protrusion and Holes’
– L. Qiang, North China Univ. of Technology, China
- 1135 ‘Making Tubes with Discontinuous Cross-Sections by Means of 3D Roll Forming’
– A. Sedlmaier, data M Sheet Metal Solutions GmbH, Germany
- 1136 ‘FEM Simulation of ERW Pipe Manufacturing’
– J. Yin / M. Kiuchi, Nakata Mfg Ltd, Japan

PIPE & TUBE PITTSBURGH 2010
“Technology for Profitable Production”
 3-5 October 2010

Holiday Inn Pittsburgh Airport, Pittsburgh, Penn., USA

- 1001 ‘Market Overview – The World Outside of the Americas’
J. Hunter, Steel Orbis, USA
- 1002 ‘Soucone - Reduced Production Costs & New Design Potential for Conical Steel Poles’ M. Binder, Soutec Ltd, Switzerland
- 1003 ‘Laser Fabricating in Structural Tube & Pipe’
J. Arendas, BLM Group, USA
- 1004 ‘Precise, Seamless, Superalloy Tubes Made with Flowform Process’
M. Fonte, Dynamic Flowform Corp., USA
- 1005 ‘Stimulation vs. Austerity – The Closest Thing to a Knife Fight in Economic Forecasting’ C. Kuehl, FMA Economist & Founder, USA
- 1006 ‘Automatic Data Collection Technology and the Power of the Internet to Drive Continuous Improvement’ T. Fabek, Profit Finders, USA
- 1007 ‘Draw Bench Quick Changeover Technology to Accommodate Ever Changing Smaller Orders and ‘Just in Time’ Deliveries’
A Bültmann & C Krueger, Bültmann Machines, Germany
- 1008 ‘Rotary Sizing Technology and its Applications’
B. Chidlow, Kusakabe Electric & Machinery Co Ltd, Japan
- 1009 ‘Tube Welding Fluxes’ Y. Baskin, Superior Flux & Manufacturing Co, USA
- 1010 ‘Launching DP780 Light Tube at ArcelorMittal Dofasco’
Z. K. Li, ArcelorMittal, Canada
- 1011 ‘Castrip® Technology’ M. Becker, Nucor Sheet Mill Group, USA
- 1012 ‘Producing Premium HFW Pipes with Large Squeezing Out’
L. Xingtao, Baosteel Iron & Steel Co, China
- 1013 ‘Making Tubes with Discontinuous Cross Section by Means of 3D Roll Forming’ A. Sedlmaier, dataM Sheet Metal Solutions GmbH, Germany
- 1014 ‘New Linear Cage Forming System’ P. Beierling, Olimpia 80 s.r.l., Italy
- 1015 ‘Market Overview – The Americas’
P. Vivian & R Preckel, Preston Pipe, USA
- 1016 ‘Bar Code Identification of Pipes & Tubes’
D. Anderson, InfoSight Corp., USA
- 1017 ‘Cost Savings by a New Cutting Process for Steel Tubes, Bars & Profiles’
H.J. Braun, Reika GmbH & Co KG, Germany
- 1018 ‘Wall Thickness Measurement & Determination of Wall Thickness Distribution on Hot Tube – A Comparison of Systems’
B. Schöttler, IMS Messsysteme, Germany
- 1019 ‘An Update on the Application of Ultrasonic Energy to Tube Drawing’
N. Maropis, Maropis Technical Enterprises Inc, USA
- 1020 ‘Historical Perspective of ERW Tube Mills’
N. Abbey, Abbey International, USA
- 1021 ‘Fatigue Studies on High Frequency Induction Welded (HFIW) Steel Tubes – An Insight into Fatigue Life Enhancement Opportunities’
M. Preethi, Tube Products of India, India
- 1022 ‘Smart Annealing for Tube & Pipe’ J. Pierson, Thermatool Corp., USA
- 1023 ‘Method for Simulation & Development of the Forming Process in Tube Welding Lines’ A. Rossbach, SMS Meer, Germany

PIPE & TUBE ISTANBUL 09
“Technology for Quality, Productivity and Profit”
 2-3 November 2009
 WOW Hotels Conventions Center, Istanbul, Turkey

- 0901 J.Nardi, Danieli, Italy: Continuous improving in pipe mill technology
- 0902 A.Sedlmaier, data M Sheet Metal Solutions GmbH, Germany/A.Skripkin, CSoft, Russia: Numerical simulation of the production process of welded tubes and its industrial application
- 0903 B.Chidlow, Kusakabe, Japan: Producing precision outside diameter tubes and pipes using rotary sizing technology
- 0904 M.Decker, Gräbener Maschin., Germany: Modernisation of machines for the manufacturing of LSAW pipes
- 0905 Dr H-J Büchner, IKB Deutsche Industriebank, Germany: Recovery of the world economy - consequences for capacities and price of materials
- 0906 M. Beveridge, Metal Bulletin Research, UK: Overview and outlook for the global welded and seamless pipe markets
- 0907 M. Lozovaya, Steel Orbis, Ukraine: Analysis and insights into the seamless and welded markets in Turkey, Iran, China, Southern Europe, UAE and Saudi Arabia
- 0908 S. Deliamure, Metal Expert, Ukraine: The CIS and Ukraine markets-latest situation and future prospects
- 0909 H. Schulz, Nexans Deutschland GmbH, Germany: Continuous forming of small and large-sized corrugated tubes
- 0910 H. Floeth, SMS Meer GmbH, Germany: Present market requirements for a modern high-performance ERW tube welding line
- 0911 W. Heinemann, AWS Schaefer, Germany: New Generation of induction bending machines
- 0912 P. Bortolan, BLM Group, Italy: All-electric benders and end-formers enhance tube forming
- 0913 G. Zacco, BLM Group, Italy: New opportunities from laser tube cutting technology
- 0914 R. Shahandeh, Urmia University, Iran: Experimental and FEM investigation on influence of ring stiffeners on buckling behaviour of subsea pipelines under hydrostatic pressure
- 0915 D. Gardiner, Inductotherm IHWT, UK: Smart annealing for API pipe producers
- 0916 M. Ergin, Borusan Mannesmann, Turkey: Current applications and future aspects of the usage of carbon steel tubular products suitable for electro-chrome plating and decorative industrial painting in the manufacture of high end products such as domestic radiators and steel furniture
- 0917 K. Kulekci, Borusan Mannesmann, Turkey: Comparing structural hollow sections with long products for structural purposes
- 0918 V. Balakin, Nat Metallurgical Academy, Ukraine: New processes and technologies for making tubes with improved strength and service properties determined by metal microstructure
- 0919 J. v Scheele, The Linde Group, Germany: Substantially improved reheating using flameless oxyfuel
- 0920 A. Vydrin, JSC Rosniti, Russia: Theoretical analysis of new technological processes of seamless pipe rolling
- 0921 R. Calligaro, Danieli Group, Italy: Innovation in seamless pipe production
- 0922 H-J Braun, Reika, Germany: The latest generation of tube straightening machines - cost and quality improvements in tube finishing lines
- 0923 V. Proskurkina, Pridniprovskaya State Academy, Ukraine: Ways of improving competitiveness through innovative products in the oil and gas sector like diffusion zinc coating
- 0924 Z. You, Magnetic Analysis, USA: New developments in flux leakage inspection of OCTG tubes and pipes
- 0925 P. Sohler, Kinkelder, Netherlands: Strategic and technical aspects of cost effective tube cutting
- 0926 W. Leveson-Gower, Scanacon, Sweden: Waste abatement strategies for pickling lines
- 0927 S. Rakhmanov, Vostok Plus, Ukraine: Some problems of modelling of the deformation zone in extrusion of seamless tubes
- 0928 A. Tepiroglu, Sarkuysan AS, Turkey: ECPPC - European Copper Plumbing Promotion Campaign
- 0929 N. Saibaba, Dept of Atomic Energy, India: Characterisation and manufacture of seamless stainless steel hexcans by cold pilgering
- 0930 Y. Lezinskaya, National Metallurgical Academy, Ukraine: A new approach in the evaluation of the grain structure in tubes of stainless steels and alloys
- 0931 V. Jurko, US Steel Kosice, Slovak Republic: Mechanical properties and microstructure of Mo-Nb-V steel for X80 pipes

PIPE DREAM INDIA 2008
“Innovations & Technical Realities for Tube & Pipe Production”

12 February 2008,
 Eventza, The Phoolwari, Pragati Maidan, New Delhi

- 0801 ‘PQF Advanced Mandrell Mill Technology’
by: H. Strank, SMS Meer GmbH, Germany
- 0802 ‘Seam Annealing of HF Welded API Pipe’
by: A. Wood, Inductotherm HWT, UK

- 0803 "The Use of Duplex Stainless Steel Grades in Tubular Products"
by: Sören Nytomt, Outokumpu Stainless Tubular Products, Sweden
- 0804 "Solid State Welding for Adding Value to Products"
by: V. Joshi, Inductotherm India
- 0805 "Treatments & Coatings on Toolings Used in a Welded Tube Mill"
by: M. Baheti, Dee Tee Industries, India
- 0806 "Material Handling – Pipes & Tubes"
by: A. McKenna, Combilift, Ireland
- 0807 "High Tech Cutting for the Steel Industry"
by: P. Sohler, Kinkelder, Netherlands
- 0808 "New Process and Equipment for Pipe Calibration and Bi-Metallic Cladding"
by: R. Jathar, AWS Schafer Technologie GmbH, Germany
- 0809 "High Quality Tubes Require High Quality Tooling – Ways to Optimise a Roll Tool Design"
by: A. Sedlmaier, data M Software, Germany
- 0810 "Electromagnetic Inspection (EMI) of Longitudinally Welded Tubes with Magnetic Leakage Flux (MFL)"
by: Dr. R. Sailer, Institut Dr Foerster, Germany
- 0811 "ERW Tubing and its Characterisation for Hydroformability"
by: P. Shanmugam, Tube Investments of India.
- 0812 "Applications of Laser Vision Systems on Two-Step Spiral Pipe Mills"
by: Mr W Kölbl, Meta Vision Systems, UK

NON-FERROUS BANGKOK "Latest Developments in Non-Ferrous Wire and Tube Technology"

A Joint IWMA and ITA Seminar
at wire/Tube Southeast Asia 2007
17 October 2007

Bangkok International Trade & Exhibition Centre,
(BITEC), Bangkok, Thailand

- 0798 "The Upcast System – new developments"
by: M. Nordman, Upcast Oy, Finland
- 0799 "New generation of furnace technology for copper rod production"
by: Dr H. Bebber, Induga GmbH, Germany
- 07100 "Cost-cutting heat treatment of copper and copper alloy wire"
by: G. Jones, Otto Junker GmbH, Germany
- 07101 "Copper alloy wires – applications, technical requirements and modern production methods"
by: B. Lohmueller, Maschinenfabrik Niehoff GmbH, German
- 07102 "Productivity savings in the manufacture of copper and aluminium stranded conductors using the roll forming double twist process"
by: S. Harrington, Ceeco Bartell, Canada
- 07103 "Roll tool design and simulation of forming process for welded tubes and shaped wire"
by: A. Sedlmaier, dataM Software GmbH, Germany
- 07104 "Productivity Improvements with Wire and Tube Drawing Lubricants"
by: S. Duff, Q8Oils, UK & Meiwa Chemical Co, Ltd
- 07105 "Environmentally friendly surface and heat treatment for wire/tube plating"
by: I. Rogelj, Plasmat GmbH, Austria
- 07106 "Innovations in the field of non-ferrous processing"
by: U. Repschlaeger, SMS Meer GmbH, Germany
- 07107 "Bright Annealing in Hydrogen – Economical, Technological and Environmental Advantages"
by: F. Wiesinger, EBNER Industr., Austria
- 07108 "Energy saving and environmentally sound melting and casting furnace technology for copper casting"
by: Dr H. Bebber, Induga GmbH, Germany
- 07109 "The economical approach to producing pancake coil copper tube"
by: G. Jones, Otto Junker GmbH, Germany
- 07110 "Technological Trend in Inner Grooved Tube for Room Air Conditioner in Sumitomo Light Metal"
by: H. Morita, Sumitomo Light Metal Industries Ltd, Japan

TUBE UKRAINE 2007

"Modern Production Trends for Tubes & Pipes - Welded, Seamless & Non-Ferrous"

24-26 September 2007
The Palace of Culture "Metallurgists",
Dnepropetrovsk, Ukraine

- 0732 "Modern Technology of Long Length Precision Seamless Tube Production from Corrosion-Resistant Steels and Alloys"
by: V. Frolov, State Enterprise NITI, Ukraine
- 0733 "The Mathematical Model for the Stationary Process of Rolling Tubes in a Continuous Tube Reducing Mill"
by: Y. Gouliev, Nizhnedneprovsky Tube Rolling Plant, Ukraine
- 0734 "Development of Technology and Production Mastering of Hexadreal Tubes of Neutron-Absorbing Corrosion-Resistant Boron- Containing CHS-82 Providing for the Higher Safety of Compressed Exhaust Nuclear Fuel Storage at Nuclear Power Stations"
by: A. Safjanov, ChTPZ JSC, Russia
- 0735 "New Solutions for Simulations of Tube Hot & Cold Rolling"
by: A. Vydrin, Russian Research Institute for Pipe & Tube Industry
- 0736 "Modern Ways of Reconstruction of Shops for Oil and Gas Pipeline Production"
by: Y. Banny, Ukrqiprometz, Ukraine:

- 0737 "Manufacturing Technology of Medium Size Seamless Pipe"
by: S. Kenichi, Sumitomo Metal Ind., Japan
- 0738 "Advanced Extrusion Technology for Stainless Steel Tubes"
by: H. Pelster, Nikopol Stainless Management Ltd, Ukraine
- 0739 "Stainless Steel Tube Bright Annealing Furnace with Hydrogen Atmosphere at the Continuous Finishing Line of NSTM CJSC Cold Tube Rolling Shop"
by: M. Kutsenko, Nikopol Stainless Tube Mill, Ukraine
- 0740 "Universal Steel Seamless Drill Tubes are a Breakthrough Technology in Exploration Well Drilling"
by: A. Kozhevnikov, National Mining University, Ukraine
- 0741 "FQM™: Danieli 3-Roll Pass Retained Mandrel Mill for high quality Seamless Tube Production"
by: G. Kulesa, Danieli Centro Tube, Italy
- 0742 "Reliable Superheater Tubes for Modern Heat and Power Engineering"
by: T. Senina, State Enterprise NITI, Ukraine
- 0743 "TUMICON – Mill Management and Control Tool or Advanced Stretch Reducing Mills"
by: Dr. S Willems, Friedrich Kocks GmbH, Germany
- 0744 "Detecting Oblique Defects in Tubes by Rotary Ultrasonic Testers"
by: J. Venczel, Magnetic Analysis Corp., USA
- 0745 "A Study of Operating Conditions of Long Mandrels and the Development of Measures to Improve Wear Resistance"
by: T. Karmazina, New Technologies Group, Ukraine
- 0746 "New Strategies for the Wall Thickness Measurement in the Hot Seamless Tube Production Plant"
by: H.Gurski-Schramm, Ingenieurburo Gurski-Schramm, Germany
- 0747 "Taking into Account Plasticity and Initial Billet Dimensions to Improve Tube Quality"
by: R.Golubchik, Moscow Power Engineering Institute
- 0748 "The Device for Making Artificial Defects in the Form of Marks (Grooves) in Tube Walls by Method of Cutting"
by: V. Maksimenko, JSC Ukrainian Research Institute of Manufacturing Engineering, Ukraine
- 0749 "Development Tendencies in the Ukraine for the Manufacture of Tubes Produced from Refractory (High-melting Point) Metals"
by: N. Turenkov, State Enterprise NITI, Ukraine
- 0750 "Optimization of Extruded and Welded Stainless Tube HNO3-HF Acid Finishing"
by: W. Leveson-Gower, Scanacon AB, Sweden
- 0751 "Manufacture of Small Diameter Magnesium Tubes with Hot Extrusion and Drawing Processes"
by: A. Golovko, National Metallurgical Academy of Ukraine/Leibniz University, Hannover
- 0752 "Upgrade of HPTR Mills"
by: V.Mironenko, Institute Cvetmetobrabotka JSC, Russia
- 0753 "New Generation Contact Materials for Use in Non-Destructive Testing"
by: A. Shadov, Ukrainian Machine-Building Technology Institute
- 0754 "Induction Heat Processing of Ferrous and Non-Ferrous Pipe"
by: D. Gardiner, Inductotherm Heating & Welding Technologies, UK.
- 0755 "Equipment for In-Line Jet Degreasing of Stainless Steel Billets and Tubes"
by: I. Davelman, ANKOR Institute, Ukraine
- 0756 "Designs and Materials Used for Pickling Tanks in the Tube Pickling Industry"
by: F. Nerat, Körner Chem., Austria
- 0757 "New Requirements for the Forming Process of SAW Pipes"
by: M. Decker, Graebner Maschinen, Germany
- 0758 "Computer Aided Process Simulation for the Design and Manufacturing of High Quality Tube Mill Rolls AND Practical Results of Simulation Data Application at HFI ERW Mill."
by: A. Sedlmaier, data M, Germany, A. Kovalenko, Interpipe Novomoskovsky Pipe Mill, Ukraine
- 0759 "Relaser Vision for Quality Improvement in Tube & Pipe Manufacture"
by: R. Beattie, Meta Vision Systems Ltd, UK
- 0760 "The Applications of Quick Change Technologies to the High Precision Tube Mill Operating in a Just In Time Environment"
by: B Chidlow, Kusakabe, Japan
- 0761 "Application of Local Thermomechanical Treatment of Girth Joints in Making Long-length Longitudinal Weld Large Diameter Oil and Gas Line Pipes"
by: A. Ljuchkov, State Enterprise NITI, Ukraine
- 0762 "JCOE Technology for the Economical & Flexible Production of Large Diameter Pipes"
by: B. Genser, SMS Meer, Germany
- 0763 "Optimization of Seam Annealing Process with the Help of 2D Simulations"
by: O. Waerstad, EFD Induction, Norway
- 0764 "Development of High Strength Steels and Technology for Spiral Welded Pipes"
by: I. Pyshmintsev, Russian Research Institute/Volzhsy Pipe plant/TMK
- 0765 "The Piercing Mill Tool Design"
by: D. Merkulov, Moscow Power Engineering Institute, Russia
- 0766 "Cold Continuous Pilger Rolling of Extra Thin Wall and Multilayer Tubes"
by: V. Grigorenko, National Metallurgical Academy of Ukraine
- 0767 "Cold Rolled Tubes with Inside and Outside Longitudinal Ribs"
by: Y. Frolov, State Metallurgical Academy, Ukraine
- 0768 "Seamless Pipe Quality Improvement by Means of Stretch-Reducing Mill Modernisation with Installation of Hot Gauging System and Real-Time Deformation Process Control"
by: V. Lozovoy, A. Nikolayenko, CJSC Interpipe Niko-Tube, Ukraine
- 0769 "Efficient Finishing Systems for Hot Rolled Tubes"
by: H-J Braun, Reika, Germany.
- 0770 "Modular Approach to the Analysis and Creation of Equipment for Cold Pilger Tube Rolling"
by: V. Vyshinsky, National Metallurgical Academy of Ukraine
- 0771 "Improvement of Technology and Expansion of the Product Size Range at Dnepropetrovsk Tube Works JSC Tube Rolling Unit '140'"
by: G. Khavkin, Dnepropetrovsk Tube Works, Ukraine
- 0772 "The Dynamics of the Bar System of the Mandrel Retaining Mechanism of the Tube Rolling Plant Piercing Mills"
by: S. Rakhmanov, Vostok Plus, Ukraine

- 0773 "Finite Element Modeling of Pull Effect on the Wall Thickness Non-uniformity in the Tube Reducing Process"
by: A. Milenin, National Metallurgical Academy of Ukraine
- 0774 "Improvement of Wear Resistance of Mandrels of Rolling Plant Piercing Mill" by: F. Gamidov, State Company 'Metallurgy', Azerbaijan
- 0775 "Mastering of Piercing Mill Worn Mandrels Recovery Technology by Method of Hot Stamping"
by: V. Brodsky, Dnepropetrovsk Tube Works, Ukraine
- 0776 "Induction Heating Applying Optivar Converter for: Billet Production; Seamless Tube Production; Treatments." by: A. Picco, Induction srl, Italy
- 0777 "Mastering the Technology of Round Tube Billet Casting at MMW ISTIL (Ukraine) CJSC" by: G. Kasyan, CJSC MMW ISTIL, Ukraine
- 0778 "Manufacturing Artificial Flaws Using Electric Discharge Machining"
by: D. Steely, Scan Systems Corporation, USA
- 0779 "High Precision Straightening of Seamless Stainless Steel Tubes"
by: H-J. Braun, Reika GmbH, Germany
- 0780 "New Series of Tube Straightening Machines - Advantages and Characteristic Features" by: A. Lietkin, State Enterprise NITI, Ukraine
- 0781 "Mastering Production of OCTG Thread Protectors and Thread Sealing Lubricants" by: A. Kaduk, Soyuz Ltd, Ukraine
- 0782 "The Prospects of Production and Application of Seamless and Welded Pipes and Tubes with Protective Coating in Different Branches of the Ukrainian Economy" by: V. Agapov, State Enterprise NITI, Ukraine
- 0783 "Improvement of Quality and Performance Reliability of Shaped Tubes at Dnepropetrovsk Tube Works JSC."
by: V. Furmanov, Dnepropetrovsk Tube Works, Ukraine
- 0784 "Pressure Controlled Grinding" by: M Löser, Loeser GmbH, Germany
- 0785 "Innovative Production of Stainless Steel Tubes"
by: H. Kloppenburg, Vai Seuthe GmbH, Germany
- 0786 "The Problems of Harmonization of Domestic Ukrainian Standards for Tubes with International Standards and Their Testing Methods" by: V. Sokurenko, State Enterprise NITI, Ukraine
- 0787 "Seam Annealing of HF Welded API Pipe – Quality Improvement and Operational Cost Reduction Resulting from Implementation of Seam-Annealing at HFI ERW Mill" by: A. Wood, Inductotherm Heating & Welding Technologies, UK, A. Kovalenko, Interpipe Novomoskovsky Pipe Mill, Ukraine
- 0788 "Production of Oil and Gas Pipeline Pipes – New Tasks and Ways of Working Out" by: Y. Raychuk, State Enterprise NITI, Ukraine
- 0789 "Producing Precision OD Tubes and Pipes Using Rotary Sizing Technology" by: B. Chidlow, Kusakabe, Japan
- 0790 "Practical Aspects of Stainless Steel and Titanium Alloys Pipe Manufacturing for Special Applications Using Stiefel Mill"
by: V. Karpyuk, G. Kolomijcev, CJSC Interpipe Nikopol Tube Company, Ukraine
- 0791 "Development of the Theory and Improvement of the Technology of Cold-formed Precision Tubes Manufacture Using the Processes of Drawing" by: Y. Stasovskiy, National Metallurgical Academy of Ukraine
- 0792 "High Efficiency Process on Non-ferrous and Other Metal Tube Drawing on the Long Moving Mandrel"
by: A. Lobanov, State Enterprise NITI, Ukraine
- 0793 "Diamond Synthesis and Super Hard Material Regeneration in Shock Waves" by: R. Didyk, National Mining University, Ukraine
- 0794 "Rational Thermal and Deformation Parameters in Extrusion of Tubes of Low Plasticity Materials"
by: N. Bepalova, State Tube Institute, Ukraine
- 0795 "Monocrystals as Billets for Making Fuel Element Shell Tubes"
by: V. Balakin, National Metallurgical Council, Ukraine
- 0796 "New Technology for Making Cold Worked Tubes of Non-ferrous and Ferrous Metals and Alloys" by: M. Popov, Tube Production Progressive Technologies Ltd, Ukraine
- 0797 "New Solutions in Production Technology of Tube-Casings of Heat-Generated Elements Manufactured from Zirconium Alloys"
by: V. Vakhrusheva, State Enterprise NITI, Ukraine
- 07120 "Cost Savings for the Tube Cutting Industry"
by: Peter Sohler, Kinkelder, Netherlands
- 07121 "Justifying Capital Expenditures on Tube & Pipe Mills"
by: Len Steinmeyer, Kent Corp/Tesgo Inc, USA
- 07122 "Proper Grade Selection for Cemented Tungston Carbide OD Scarfing Inserts" by: Frank Rymas, Crafts Technology, USA
- 07123 "A Comparison of Methods for Multi-bend Tube Inspection"
by: John Reed, Accurex Measurement, USA
- 07124 "Tube Mill Quick Changeover" by: Walter Krenz, Rafter Equipment, USA
- 07125 "Intelligent Sensors Improve Pipe & Tube Welding Productivity & Quality" by: Jeffrey Noruk, Servo Robot Corp, USA
- 07126 "Selecting a Welding Frequency" by: Jeff Pierson, Thermatool Corp, USA
- 07127 "Seam Annealing of HF Welded API Pipe"
by: Mick Nallen, Thermatool Corp, USA
- 07128 "Trends in New Stainless Alloys being specified as Tube & Pipe"
by: Gary Coates, Nickel Institute, Canada
- 07129 "Development of High Strength Welded Steel Tubes for Automotive Applications"
by: Palansyapillas Shannugam, Tube Investments of India, India
- 07130 "SCS & EPS - New Steel Surface Treatments for Producers of Welded Seam Tube & Pipe" by: Stuart Critchley, The Material Works Ltd, USA
- 07131 "Laser Shock Peen Processing - Process Description & Benefits"
by: David Lahrman, LSP Technologies, USA
- 07132 "Application of ISO TR10400 in Designing a Collapse Test facility for Tubular Products" by: Pete Moore/ Gary Pollen, Lone Star Steel, USA
- 07133 "Testing Critical Medical & Industrial Tubing Using High Frequency Eddy Current Coils" by: Troy Libby, Magnetic Analysis Corp, USA
- 07134 "SAW Pipe Ultrasonic Inspection Systems Require TLC for Successful Performance" by: Terry Banach, G E Inspection Technologies, USA
- 07135 "Inspection of Pasty Welds or Poor Diffusion Bonds in Ferrous & Non-Ferrous Tubes" by: John Wallace, Casting Analysis Corp, USA
- 07136 "Detecting Oblique Defects in Tubes by Rotary Ultrasonic Testers"
by: John Venzel, Magnetic Analysis Corp, USA
- 07137 "Advanced techniques in Non-Destructive Testing of Oil & Gas Field Tubes in Production in Finishing Lines"
by: Hartmut Kummel, Institut Dr. Foerster, USA
- 07138 "Quality Control for High Frequency Tube Welding"
by: Menachem Kimchi, Edison Welding Institute, USA
- 07139 "Optimisation of Seam Annealing Process with help of 2D Simulations"
by: Peter Runeborg, EFD Induction, Norway
- 07140 "FEM Comparison of Different Tube Forming Methodology"
by: Budi Francisco, RMTS, USA
- 07141 "Integrated Computational Modelling for Fabrication & Service Life Extension of Pipe & Tubes for Energy Applications"
by: Suresh Babu, Edison Welding Institute, USA
- 07142 "Fuzzy Logic in Tube Inspection"
by: John Wallace, Casting Analysis Corp, USA
- 07143 "Advanced Welding Techniques for Joining Tubular Component"
by: Menachem Kimchi, Edison Welding Institute, USA
- 07144 "Friction & Lubrication Properties of Tube Forming Coolants"
by: Robert Evans, Quaker Chemical Corp, USA
- 07145 "Branch Connections Circa 21st Century"
by: Lynn Pye, Welding Outlets, USA
- 07146 "Bi-Metallic Pipes - Production Methods & Applications"
by: Colin Macrae, AWS Schaefer Technologies, Germany

NAGOYA TUBE 2007

"Advanced Materials and Processing for Innovative Tube & Pipe Making & Forming"

18-20 June 2007

Noyori Conference Hall, Nagoya University, Japan

PIPE & TUBE HOUSTON 07

"Seamless & Welded Technology for Global Markets"

9-12 September 2007

The Woodlands Resort, Nr Houston, Texas, USA

- 07111 "Worldwide Pipeline Construction Forecast"
by: Bruce Beaubouef, Hart Publishing, USA
- 07112 "How Long Can it Last?" by: Richard Marando, Graebner Group, USA
- 07113 "The Future Impact of Imports on the US Market"
by: Douglass Yadon, Preston Pipe Report,
- 07114 "Future Tube & Pipe Tooling" by: Joe Olson, RMTS, USA
- 07115 "Past, Present, Future - the History of Tube, Pipe & Rollform Technology" by: Mark Olson, RMTS, RMTS
- 07116 "Quick Change Tube Cutting Systems"
by: Jim Jantzi, New Form Tools, Canada
- 07117 "Extrusion Press Tools - Diagnosis Experience & Product Development Potential" by: Glen Stapleton, Stapleton Engineering Consultants, USA
- 07118 "Computer Aided Process, Simulation for the Design & Manufacture of High Quality Tube Mill Rolls"
by: Albert Sedlmaier, dataM Software, Germany
- 07119 "Maximise your ROI from your Seamless Tube Rotary Ultrasonic Inspection System" by: Terry Banach, G E Inspection Technologies, USA
- 0701 "Use of Pipe Materials in Automotive Parts"
by: K. Mine, Toyota Motor Corporation
- 0702 "Development of Manufacturing Technologies for Ultra-Fine Grained Steel Sheets" by: Prof. M. Kiuchi, University of Tokyo, Japan
- 0703 "Properties and Forming Technologies of High Strength Steel Sheets"
by: Prof. T. Ishikawa, Nagoya University, Japan
- 0704 "JCOE Technology for Economical & Flexible Production of Large Diameter Pipes" by: B. Genser, SMS Meer GmbH, Germany
- 0705 "Present Status & Future Prospect of Tube Manufacturing in China"
by: D. Guoliang, Chairman CCRSA, China
- 0706 "Let us introduce 'Naturally' Pipe-Line Network in North East Asia"
by: M. Hirata, President, Shibaura Institute of Technology, Japan
- 0707 "Engineering Company View on Mega-Sized Energy Projects"
by: S. Nakashima, Chiyoda Corporation, Japan
- 0708 "The Need of Rectangular Steel Tubes in the Architectural Field"
by: Y. Fujita, Obayashigumi Corporation, Japan
- 0709 "Advanced Concepts for High Productivity Tube Cutting"
by: P. Sohler, Kinkelder BV, Netherlands
- 0710 "Cutting of Steel Pipes by Carbide Tipped Saw"
by: S. Hasegawa & S. Takemura, Tenryu Saw Mfg. Co, Japan
- 0711 "Advanced Solutions for Tube Cutting" by: F. De Paoli, Stark SpA, Italy
- 0712 "Effective Use of Pipe Materials will reduce Manufacturing Time and Cost" by: N. Miyakawa, Yamazaki MAZAK Optonics Co., Japan
- 0713 "Vibration Piercing of Ingots to Hollow Billets at Piercing Mill of Tube Rolling Plant" by: S. Rakhmanov, Vostok-Plus Co, Ukraine

- 0714 **“Progress in Pipe & Tube Technology & Future Prospects”**
by: H. Akasaki, Nippon Steel Co, Japan
- 0715 **“Manufacturing Technology of Medium Size Seamless Pipes”**
by: K. Sasaki, Sumitomo Metals, Japan
- 0716 **“Historical Review & Recent Trends in Tube Hydro-forming in Japan”**
by: Prof. S. Fuchizawa & A. Shirayori, Utsunomiya University, Japan
- 0717 **“Advances in HF Welding Heat Affected Zone (HAZ) Control”**
by: Dr P. Scott, Thermatool Group, USA
- 0718 **“Laser Welded Thin Wall Stainless Steel Pipes”**
by: T. Nakako, Nisshin Steel Co, Japan
- 0719 **“Variations of Temperature and Clamping Force During ND: YAG Laser Butt Welding Process”** by: Prof. M. Mahdavian, RMIT University, Australia
- 0720 **“The FEA Simulation the Roll Forming of AHSS Tube”**
by: Prof. J. Liu, North China University of Technology, Beijing, China
- 0721 **“FE Simulation of Roll Forming and HF Welding Process in the Production of Welded Tubes”** by: A. Sedlmaier, dataM Software, Germany
- 0722 **“Producing Precision OD Tubes & Pipes Using Rotary Sizing Technology”** by: B. Chidlow, Kusakabe Electric & Machinery Co Ltd, Japan
- 0723 **“A Flexible Sizing System for Tube & Pipe Manufacturing”**
by: I. Nakata, Dr. F. Wang, Nakata Manufacturing Ltd, Japan
- 0724 **“Development of New ERW Steel Tube with High Strength & Excellent Formability Using Warm Reducing”** by: A. Yorifuji, JFE Steel Corporation, Japan
- 0725 **“Evaluation Method of Tube Formability in Tube Hydro Forming”**
by: Prof. Y. Mihara, Faculty of Mechanical System Engineering, Kagawa University, Japan
- 0726 **“Optimisation of Seam Annealing Process with the Help of 2D Simulations”** by: J. Asperheim, L.Markegard & P. Runeborg, EFD Induction AS, Norway
- 0727 **“Tube Full Body Inspection System Using Linear Phased Array Probes”**
by: Dr. C. Imbert, Olympus NDT, Canada
- 0728 **“Technological Trend in Inner Grooved Tube for Room Air Conditioner”**
by: N. Sasaki, Sumitomo Light Metals, Japan
- 0729 **“Experimental Study on Residual Stresses in Roll-Formed Square Tubes”** by: Y.F. Ma, G. Zeng, Y. Pan & Y.J. Guo, Shanghai Baosteel Construction Design & Research Institute, China
- 0730 **“Re-Spring Forecast Model of Cold Roll-Formed Sections Based on Neural Networks”** by: W. Wan, S. Liu, L. Li, Wuhan Iron & Steel Corp., China
- 0731 **“The Research & Development of Cold Roll-Forming Steel Sections with High Property”** by S.J. Jinyong, Shenyang Dongyang Special Section Co., China
- 0533 **“New Level Winder and Spinner Block”**
by: H Plank, ASMAG, Austria
- 0534 **“Faster, More Precise, More Capacity: New Concepts in Copper Tube Drawing”** by: R Hergemoeller, Schumag, Germany
- 0535 **“Innovative Solutions for High-Tech Billet Heaters”**
by: W Johnen, Otto Junker GmbH, Germany
- 0536 **“New Solutions for Indirect Rod and Tube Extrusion Presses”**
by: B Steinert, SMS Eumuco, Germany
- 0537 **“Fabrication and Characterisation of Thin Walled Seamless Tubes”**
by: N Saibaba, Nuclear Fuel Complex Hyderabad, India
- 0538 **“Capacity Increase in the Continuous Mandrel Mill in V & M Brazil”**
by: M Ferriera, Vallourec Mannesmann, Brazil
- 0539 **“Cutting Edge Technology for Seamless Tube Production”**
by: M Leferink, SMS Meer, Germany
- 0540 **“New Manufacturing Technology for Long Mandrels with Higher Wear Resistance”**
by: T Karmazina, N Koryaka (trans.), Ukrtruboprom Association, Ukraine
- 0541 **“Economic Production of Seamless Tubes”**
by: G Kulesa, Friedrich Kocks GmbH, Germany
- 0542 **“Quality Improvement of ERW Pipes by Post Processing”**
by: Professor M Kiuchi, Kilamtec, Japan
- 0543 **“Machine Equipment for Pre-Production: Strategies to Meet Future Demands on the Tube Industry”**
by: T Schmidt, RSA Entgrat-und Trenn-Systeme, Germany
- 0544 **“Bending the Rules: New Bending Techniques for Difficult Parts”**
by: B Rooney, AddisonMcKee Ltd, UK
- 0545 **“Cost Effective Processing of Tubes for Automotive Applications”**
by: H-J Braun, Reika GmbH, Germany
- 0546 **“Simple but Powerful - Specialised Plazma Robotic Cutting System”**
by: Hughen, Plazma Cutting Equipment, India
- 0547 **“The ‘KVK-System’ Encapsulated Tube Pickling Line”**
by: F Nerat, Korner Chemieanlagenbau, Austria
- 0548 **“Application of Phased Array Technology for Seamless Tube Inspection in V&M Brazil”**
by: E J Eufrazio, Vallourec & Mannesmann Tubes, Brazil
- 0549 **“Concepts and Solutions for Different Hydroforming Applications”**
by: M Decker, Grabener Maschinentchnik, Germany
- 0550 **“Advanced Cutting Technologies for the Tube Industry”**
by: P Sohler, Kinkelder, Netherlands
- 0551 **“Variable Frequency on Demand – the Ultimate in Flexibility for Today’s Tube & Pipe Producers”**
by: D Gardiner, Thermatool Ltd, UK

TUBE 05 PRAGUE

“New Technologies for Tube & Pipe Production”

24-25 October 2005

Prague Congress Centre, Prague, Czech Republic

- 0515 **“The Welded Tube and Pipe Market: Where Will the Growth Emerge?”**
by: Dr J Ley, Metal Bulletin Research, UK
- 0516 **“Optimisation of Seam Annealing Process With Help of 2D Simulations”**
by: P Runeborg, EFD Induction as, Norway
- 0517 **“New Technologies for the Economical & Flexible Production of Large Diameter Pipes”** by: W Derichs, B Genser, SMS Meer, Germany
- 0518 **“Prediction of Welded Tubes’ Properties for Subsequent Processes by Use of Finite Element Method”** by: A Sedlmaier, dataM Software, Germany
- 0519 **“Productivity Evaluation of Tube Welding Lines for Tube (up to a diameter 130mm) Using Flying Cut-Off Shear In Combination with Circular Saw Blade”** by: M Sikyta, Attl a Spol S.R.O., Czech Republic
- 0520 **“Structural Welding of Thick-Walled Pipes by Keyhole Plasma Arc Welding and Powder Finishing”**
by: Dr Ing. M Marconi, Plasma Team Snc, Italy
- 0521 **“Precision Tube Welding Lines of the New Generation for Automobile Industry”** by: H-W Kloppenburg, VAI SEUTHE GmbH, Germany
- 0522 **“Good Results from the Application of FFX Technology to Tube & Pipe Production for API and Automotive Tube”**
by: I Nakata, Nakata Manufacturing, Japan
- 0523 **“NDT in the Manufacturing Process of ERW Welded Tubes”**
by: B Karbach, GE Inspection Technologies, Germany
- 0524 **“Phased Array Technology with Paint Brush Evaluation for Seamless Tube Testing”** by: S Falter, GE Inspection Technologies, Germany
- 0525 **“Measuring Magnetic Flux Density to Identify Anomalies in Pipe Wall Thickness”** by: W Walters, D Steely, Scan Systems Corp., USA
- 0526 **“Performance Improvement of Rotary Ultrasonic Testers”**
by: J Venczel, Magnetic Analysis Corp., USA
- 0527 **“Advanced Techniques in NDT of Oil Field and Boiler Tube in Production Line”** by: H Kümmel, Institut Dr Foerster, Germany
- 0528 **“Detecting Weld Seams in Tubes”**
by: T Berner, Roland Electronic, Germany
- 0529 **“Optical Tube Measuring Methods – a New Technology for 100% Automation of Quality Control?”**
by: G Suilmann, Aicon 3D Systems GmbH, Germany
- 0530 **“Ultrasonic Testing Line for the Automatic Inspection of Seamless Tubes of up to Max. 250mm Outer Diameter, with Integrated Tube End Test”**
by: S Schmitz, GE Inspection Technologies, Germany
- 0531 **“Development of Micro Alloyed High Strength Tubes for Two-Wheelers”**
by: C B Lunawat, Tata Steel Tubes, India
- 0532 **“Advanced Technologies of Copper Tube Production”**
by: Dr G Voswinkel, Otto Junker GmbH, Germany

TUBE INDIA 2005

“Welding Technologies for Manufacturing and Processing Auto, Energy and Structural Tubulars”

17 February 2005

HITEX Exhibition Centre, Hyderabad, India

- 0501 **Challenges of Rolling High Strength Steel Tubes using ERW process”**
by: M Shome, Tata Steel, India
- 0502 **Laser Vision Guidance for Automated Welding & NDT of Tubes and Pipes** by: R J Beattie, Meta Vision, UK
- 0503 **Making HF Welded Tube for Demanding Applications**
by: P Scott, Thermatool Corporation, USA
- 0504 **Off Line Profiling of Welded Steel Tubes**
by: S M Husain, Industrial Development Consultants, India
- 0505 **Magnetic Pulse Welding for Tubular Applications**
by: V Shribman, Pulsar Limited, Israel
- 0506 **Development of High Strength Aluminium Tubes using High Frequency Induction Welding Process**
by: P Shanmugam, Tube Products of India, India
- 0507 **Finite Element Analysis of the Forming & Welding Process making Longitudinal Welded Tubes**
by: A Sedlmaier, data M Software, Germany
- 0508 **Structural Hollow Sections – Innovative Applications**
by: S K Pramanik, Tata Iron & Steel, India
- 0509 **Chemical Surface Treatment of Tubes in response to the needs of the Automotive Components & Technical Equipment Industry”**
by: K Nittel & V Gupta Chemetall RAI India
- 0510 **Optimisation of Tube Heat Treatment Process**
by: C. B. Lunawat, Tata Iron & Steel, India
- 0511 **Main Features of a Modern High-Performance 24” Tube Welding Line for Line Pipes, Casings and Shapes**
by: H A Floeth, SMS Meer GmbH, Germany
- 0512 **A Case Study on Shape Changes of Defects during Cold Drawn Operation of Welded Tubes**
by: R Kannan, Tube Products of India, India
- 0513 **Testing of Longitudinally Welded Tubes with Latest Developed Eddy Current Technology**
by: H Kümmel, Institut Dr Foerster, Germany
- 0514 **Robotic 3D Profiling of Thick/Thin Tubes & Sections**
by: T Hughen, Plazma Cutting Equipment, India

Tube Veracruz 2003

"Added Value Technology- Solutions For Profitable Tube Production"

8 – 10 October 2003

Crowne Plaza Hotel, Veracruz, Mexico

- 0338 **Justifying Capital Investment in Productivity Enhancing Equipment**
by: W B Graham on behalf of R Costello, Kent Corporation, USA
- 0339 **Lease or Buy**
by: F Summers, Vision Financial Group, USA
- 0340 **Integrated Control of Processes and Products on a Heat Treatment**
Process by: J Garcia, TenarisTamsa, Mexico
- 0341 **Economical Production of High Quality Seamless Tubes with the Kocks Rotation Mill KRM**
by: G Kulesa, Friedrich Kocks GmbH, Germany
- 0342 **Medium Size Seamless Pipe Mill at Wakayama Steel Works**
by: H Hori, Sumitomo Metal Industries Ltd, Japan
- 0343 **The Maxi and the Mini – the PQF and the Combined Piercer-Elongater**
by: Mr J Metcalfe, Tube Technology Ltd, UK
(Co-author: Dr H J Pehle, SMS Meer GmbH, Germany)
- 0344 **Real Time Business Control**
by: J Meza, TenarisTamsa, Mexico
- 0345 **On-Line Real-Time Steel Tube Gauging with Laser-Ultrasonic Technology**
by: M Choquet, The Timken Company, USA
- 0346 **Lasus- Hot Wall Thickness Measurement for Precision Tube Making**
by: M Leferink, SMS Meer GmbH, Germany
- 0347 **Magnetic Flux Leakage Testing with Rotomat and Transomat for Oil Field and Boiler Tubes**
by: H Kummel, Institut Dr Foerster, Germany
- 0348 **Non Destructive Testing of Boiler Tubes in the Production Process with Control of the Downstream Production Units**
by: Dr A Maurer, Nutronik GmbH, Germany
- 0349 **Factors Influencing Heavy Wall Tubing**
by: O Waerstad, EFD, Norway
- 0350 **Comparison and Tube Welding Processes for Tube & Pipe**
by: J Olson, Roll Machining Technologies & Solutions, USA
- 0351 **Applying In-Line Gauge Correction and Non-Contact Sensing to Increase Production and Reduce Cost in Welded Tube Production**
by: W B Graham, Welded Tube Pros LLC, USA
- 0352 **Advanced Welding Techniques for Aluminium Tubes**
by: M Kimchi, Edison Welding Institute, USA
- 0353 **Benefits of Push Pointing of Ferrous and Non-Ferrous Tubes Prior to Cold Drawing**
by: G A Mitchell, G A Mitchell Co, USA
- 0354 **Tube and Pipe Finishing Floors**
by: M E Pollard, Bronx/Taylor-Wilson, USA
- 0355 **High Production Cutting of Tube Layers After the Cooling Bed by Using Carbide Tipped Circular Sawing Machines to Achieve the Best Length and Squareness Accuracy**
by: B Traunsteiner, Framag Ind GmbH, Austria
- 0356 **Curing of Pipes with UV-Coating**
by: O Gradener, Schiemann Industrielacke GmbH, Germany
- 0357 **Samples of Value Added Technology for Tube Mills Processing Seamless Steel Tubes**
by: H-J Braun, Reika-Werk GmbH, Germany
- 0358 **Welding and Testing Tubes for Hydro-Forming Applications**
by: M Kimchi, Edison Welding Institute, USA
- 0359 **Taking Technology to the Marketplace**
by: W A Wolfe, Steel Tube Institute of North America, USA
- 0360 **Quality Improvements in Round Bars via a Vibromold System and Mold Electromagnetic Stirring**
by: J A Carranza, TenarisTamsa, Mexico
- 0361 **Applications and Benefits of Vision Tracking for Tube and Pipe Welding**
by: M Wilson, Meta Vision Systems, UK
- 0362 **Calibration Standards for High Performance Tubes and Pipes**
by: M B Palynchuk, Western Instruments Inc, Canada
- 0363 **Measuring System for Hot Pipe**
by: B Schoettler, IMS Messsysteme GmbH, Germany
- 0364 **Weld Profile Visualization System for Use on ERW Mills**
by: B Waldron, Agfa NDT Inc, USA
- 0365 **Non Destructive Eddy Current Testing of Tubes for Surface Flaws**
by: J L Lara, Llog S.A., Mexico
- 0366 **Spray Marked Bar Codes on Tube O.D. for Traceability**
by: D L Anderson, InfoSight Corporation, USA
- 0367 **Investigation of the Influence of the Pre-Hydro Forming Processes And Development of Characterization Methods for the Testing of Steel Semi-Products for Hydro-Forming**
by: G Breitenbach, Technical University of Darmstadt, Germany
- 0368 **Integrated Quality Management in the Design and Production Process of Longitudinal Welded Tubes**
by: A Sedlmaier, data M Software & Engineering, Germany
- 0369 **FEM Simulation of Roll Forming of ERW Pipes & Mill Process Design**
by: Dr F Wang, Nakata Mfg Co, Japan
- 0370 **Application of Metallurgical Modelling to Multi-Pass Girth Welding of Seamless Line**
by: A Izquierdo, TenarisTamsa, Mexico

Asia Pacific Tube 2003

'New Tube Materials and Technology: a Networking Conference for Industry Professionals'

26 – 27 September 2003

Sheraton Grande Sukhumvit Hotel, Bangkok, Thailand

- 0321 **Recent Trends of Tube Making**
by: Professor M Kiuchi, Kilametec, Japan
- 0322 **High Productive Laser Welding Mill**
by: T Nakano, Nakata Manufacturing Co, Japan
- 0323 **Newest Flexible CNC Tube Bender and CAD for Bending**
by: Dr M Murata, University of Electro-Communications Tokyo, Japan
- 0324 **High-Quality Tubing Requires High Quality Tooling: Computer Aided Design and QM for Tube Mill Roll Tooling**
by: A Sedlmaier, dataM GmbH, Germany
- 0325 **Advances in Pipe Line Coating Using Induction Heating**
by: J Powell, Inductoheat, Australia
- 0326 **In-line Annealing of Stainless Steel Tube Using Induction Heating**
by: M Mackay, Inductoheat, Australia
- 0327 **Galvanised and Galfanized Tubing Using the MHD Process**
by: V Dorsten, SunWyre Inc., USA
- 0328 **High Speed Welding Using the Advanced Arc Plasma Welding System**
by: K Mitani, Tube Experts Co Ltd, Japan
- 0329 **Development of High-Pressure Fuel Injection Tube for Common Rail Engine**
by: W Nivesrungsan, USUI International Corp., Thailand
- 0330 **Behaviour of Polygon Formation in Hot Stretch Reducing of Tubes**
by: T Nagahama, JFE Steel Corporation, Japan
- 0331 **Extroll Forming, a Flexible Process for Small Lot Production**
by: S Kimura, Toyo Superior Steel Tube Works Ltd, Japan
- 0332 **Latest Technological Developments in the Production of Copper and Copper Alloy Tubes**
by: Dr G Voswinckel, Otto Junker GmbH, Germany
- 0333 **On-line Measurement of Eccentricity of Extruded Copper Tubes**
by: DC Price, CSIRO Telecommunications & Industrial Physics, Australia
- 0334 **Cast & Roll – Emerging Technology for ACR Tube Manufacturers**
by: M Rantanen, Outokumpu Hitachi Copper Tube, Thailand
- 0335 **ACR Copper Tube with a Difference - MetTube Experience**
by: M Krishnan, MetTube, Malaysia
- 0336 **The Eradication of Copper Tube Bore Carbon**
by: A Hole, Hole Lubricants, Australia
- 0337 **Comparison of tubes with variable wall thickness produced by new extrusion method and conventional drawing method**
by: T Kuboki, University of Electro-Communications, Japan

Tube India 2003

'Where Quality can be Achieved'

20 - 22 February 2003

NAC Conference Room, HITECH Ground, Hyderabad, India

- 0301 **Improve Your Tube Quality with Solid State Welding**
by: VJ Joshi, Thermatool, India
- 0302 **Computer Modelling and Finite Element Analysis of Tube Forming Operations**
by: Dr S Shamasundar, ProSim, India
- 0303 **Development of Special Smooth Inner Diameter Tubes**
by: M Tholkappian, Tube Products of India
- 0304 **Temperature Evaluation of Weld Vee Geometry and Performance**
by: O Waerstad, EFD, Norway
- 0305 **Advances in Pipe Line Coating Using Induction Heating**
by: Mr J Powell, Inductoheat Pty, Australia
- 0306 **Speciality Tubes Manufacturing at NFC**
by: R Kalidas Nuclear Fuel Complex, Hyderabad, India
- 0307 **Automatic Ultrasonic System for Flaw Detection and Dimensional Measurement of Precision Tubes**
by: R Parikh Electronic & Engineering Co (I) Ltd, India
- 0308 **Process Reliability and Quality Control in Production of Oilfield and Boiler Tubes**
by: H Kummel, Institut Dr Foerster, Germany
- 0309 **Recovery of Zinc from Zinc By-Product Through Recycling in Tubes Galvanising Industry – an Innovative Approach**
by: Janardan Singh, TATA Steel, Tubes Division, India
- 0310 **Measuring the Supply Chain Performance for Better Business**
by: Mosa Al-Hadad, Saudi Steel Pipe, Saudi Arabia
- 0311 **Use of Rectangular and Square Hollow Steel Sections in Construction Industries**
by: SK Pramanik, TATA Steel, India
- 0312 **TPM for Tube Manufacturing**
by: CVS Prasad, Purushottam Technologies, India
- 0313 **High Quality Tubing Requires High Quality Tooling Computer Aided Design and Quality Management for Tube Mill Rolling**
by: A Sedlmaier, dataM Software, Germany
- 0314 **Continuous In-Line Tube Production with the Kocks Seamless Tube Process**
by: G Schnell, Friedrich Kocks, Germany
- 0315 **Applications and Benefits of Vision Tracking for Tube and Pipe Welding**
by: M Wilson, Meta MVS Ltd, UK

- 0316 **Weld Micro Structure as a Tool for Upgrading Weld Quality-Experience at TATA Steel** by: CB Lunawat, TATA Steel, India
- 0317 **Global Trends in Tubes Handling and Packaging**
by: NLN Raju, ITW Signode India Ltd
- 0318 **Emerging Trends in ECT to Improve Quality of Tubes**
by: P Dhole, Technofour, India
- 0319 **Utilisation of Test Results in Automated Ultrasonic Inspection**
by: John Venczel, Magnetic Analysis Corp., USA
- 0320 **Stainless Steel Tube Bright Annealing**
by: J Powell, Inductoheat Pty, Australia

Tubos Bilbao

“Quality Management in the Tube Industry”

23-26 October 2001

NH Villa de Bilbao Hotel, Bilbao, Spain

- 0101 **Today's Key Technologies for High Quality Tube Making**
by: M Leferink, SMS Meer GmbH, Germany
- 0102 **Solutions for Minimizing Eccentricity and Other Wall Thickness Deviations of Seamless Tubes**
by: Dr. H Pehle, SMS Meer GmbH, Germany
- 0103 **Wall Thickness Measurement by Laser UT on Hot Tubes in Rolling Mill**
by: Dr. G Deppe, Mannesmann Forschungsinstitut GmbH, Germany
- 0104 **Multi Test Block for Inspection of Seamless Tubes**
by: A Graff, Mannesmann Forschungsinstitut GmbH, Germany
- 0105 **Unique Capabilities and Results of Research and Development in the Areas of Cross-Roll Piercing and Assel Elongating**
by: F Gerlach, VFUP e. Riesa, Germany
- 0106 **Free Size Rolling Technology for Tubes**
by: Dr. S Willems, Kocks Technik GmbH & Co., Germany
- 0107 **Finite Element Methods and Thermomechanical Testing Applied to the Production of Extruded Tubes**
by: Ms I Gutierrez, Centro de Estudios e Investigaciones Técnicas de Gipuzkoa, Spain in conjunction with Tubacex S.A.
- 0108 **Precision Sizing to Reduce Costs and Improve Quality**
by: G Kulessa, Friedrich Kocks GmbH & Co., Germany
- 0109 **New Finishing Lines at TUBOS REUNIDOS S.A. to Enhance Product & Management Quality**
by: J Abascal, Tubos Reunidos S.A., Spain
- 0110 **Innovative ERW Tube-Forming Technology**
by: F Wang, Nakata Manufacturing Co. Ltd., Japan
- 0111 **New Trends in Innovative Tube Manufacturing**
by: Prof. Dr. -Ing. M Kiuchi, Kiuchi Lab. Kilametric, Japan
- 0112 **Flex Lines, Catch Up Time and Money**
by: G Höllmüller, Voest-Alpine Industrieanlagenbau GmbH & Co., Austria
- 0113 **Development of Pipe with High Precision & High Strength for Automotive Propeller Shaft**
by: Y Itami, Nippon Steel Corporation, Japan
- 0114 **Ease Your Work - Improve Your Quality. Tool Roll Change 'New Clamping System'**
by: H Hiestermann, VAI Seuthe GmbH, Germany
- 0115 **Production Method of Compact Pipe**
by: H Ona, Takushoku University, Japan
- 0116 **Laser-Welded Thin Wall Stainless Steel Pipe by Roll-Less Forming**
by: T Nakako, Nisshin Steel Co. Ltd., Japan
- 0117 **Manufacturing Tubes for Hydroforming Applications - Experiences**
by: F J Ripodas, Aceralia Transformados s.a., Spain
- 0118 **In-Line Gauge Control in Welded Tube Production - a Review of the Process and Case Study Information on Installations**
by: W B Graham, Coil Joining Technologies, USA
- 0119 **High Production Cut-Off and Endworking Machines for Automotive Parts**
by: J Fleck, Maschinenfabrik REIKA-WERK GmbH, Germany
- 0120 **Roll Tooling Technology for Quality Laser Welding of Stainless Steel Tube**
by: R Manos, Chicago Roll Company, USA
- 0121 **Fine and Productive Tube and Pipe Cutting by the Tip Saw System**
by: I Nakata, Nakata Manufacturing Co. Ltd., Japan
- 0122 **New Flying Cut-offs Increase Tube Mill Speed and Efficiency**
by: John J Pavelec, BetaRam, Inc., USA. Presented by: John F. Riera
- 0123 **Roll Tooling Technology for Tube**
by: A Sedlmaier, data-M, Germany
- 0124 **Development of Ultra Fine Grain Steel Tube with High Strength and Excellent Formability**
by: Dr. T Toyooka, Kawasaki Steel Corp., Japan
- 0125 **Duplex Condenser Tube Composed of Titanium and Aluminium Brass**
by: N Ishiguro, Sumitomo Light Metal Industries, Japan
- 0126 **Application of Transducer Arrays to Rotary Ultrasonic Testers**
by: J Venczel, Magnetic Analysis Corporation, USA
- 0127 **Experimental Steels Type 9% Cr Modified with W Properties**
by: Dr. Felix Penalba, Fundacion Inasmet, Spain
- 0128 **FE Simulation of Rotary Piercing - Models and Examples**
by: H Schoß, TU Bergakademie Freiberg, Germany
- 0129 **Development and Application of Bimetallic Tubes for Corrosive Environments at High Temperatures**
by: J Echeberria, Centro de Estudios e Investigaciones Técnicas de Gipuzkoa, Spain
- 0130 **New Developments in Pickling Technology**
by: D I Friedrich Nerat, Körner, Austria

Tube Singapore '99

“Tubemaking for Asia's Recovery”

18 October 1999

Marina Mandarin Hotel, Singapore

- 9901 **Mechanisms of Weld Defect Formation in HF ERW Process**
by: Y Kim, Hong Ik University, Korea
- 9902 **Survival into the 21st Century – An Induction Heating Overview**
by: J Powell, Inductoheat Pty Limited, Australia
- 9903 **Deformation Characteristics of Metal Strips in Roll Forming**
by: Prof. M Kiuchi, The University of Tokyo, Japan
- 9904 **On the Technology of Common Use Roll System**
by: Mr F Wang, Nakata Manufacturing Ltd, Japan
- 9905 **Intelligent Tool Conception and Pass Sequence Planning for Tube Profiles Applying Numerical Methods of Calculation**
by: A Istrate, Institute for Production Technology & Forming Machines, Germany
- 9906 **Computer Aided Process Simulation and Quality Control for Design and Manufacture of High Quality Tube Mill Rolls**
by: A Sedlmaier, data M Software + Engineering, Germany
- 9907 **Finite-Element Simulation of Deformation Features of Sheet Metal Welded through Squeeze Rolls in ERW Pipe Mill**
by: Prof. Y Onoda, Yamanishi National University, Japan
- 9908 **For the Achievement of Perfect Weld**
by: K Mitani, Tube Experts Company Ltd, Japan
- 9909 **Manufacturing Technologies and Products of Nippon Steel**
by: J Okamoto, Nippon Steel Corporation, Kimitsu Works, Japan
- 9910 **Latest Development to Gain Outer Tube Diameter Tolerances Comparable to such of Drawn Tubes for a 3" Tube Welding Line**
by: H Hiestermann, VAI Seuthe, Germany
- 9911 **Weld Area Design for High Frequency Induction Welding**
by: P Scott, Thermatool Corporation, USA
- 9912 **One Tool Set for All Sizes – VAI – CTA – SIZING**
by: J Pfisterer, Voest-Alpine Industrieanlagenbau GmbH, Austria
- 9913 **Achieving Quality Standards – A Role for Everyone**
by: P Mitchell, Crane Group, Australia
- 9914 **Mechanical Properties of High Strength Hot Strips for Line Pipe Production**
by: M S Kim, Pohang Iron & Steel Co Ltd, Korea
- 9915 **Hot Wall Thickness Measurement on Tubes**
by: M Leferink, Mannesmann Demag Aktiengesellschaft Metallurgy Tube/Copper, Germany
- 9916 **Productivity Improvement – Key to Prosperity for Tube Makers in Asia**
by: A Pandit, The Tata Iron & Steel Co Ltd, India
- 9917 **Economical and Precise Rolling of Seamless Tube using a Stretch Reducing Mill in Combination with a Precision Sizing Mill**
by: D K Pfeiffer, Friedrich Kocks GmbH & Co, Germany
- 9918 **Effect of Hot Coil Banded Structure on the Weld Defect of HF ERW Process**
by: C M Kim, Pohang Iron & Steel Co Ltd, Korea
- 9919 **Ultrasonic Inspection Systems for Pipe Industries; Yesterday/Today**
by: H D Harbecke, Krautkramer GmbH & Co, Germany
- 9920 **High Efficiency Copper Tube Production – A Challenge of 2000**
by: Dr Rainer Hergemoeller, Schumag AG, Germany
- 9921 **Improved Product Quality of Stretch-Reduced Tubes**
by: Dr H Pehle, Mannesmann Demag Aktiengesellschaft Metallurgy Tube/Copper, Germany

TUBE INDIA '98

“Upgrading Tube Technology for a Competitive Market”

11-12 November 1998

Mumbai, India

- 9838 **Ispat's Thin Gauge HR Coils at the Service of the Tube Industry**
by: Barin Das, Ispat Industries Ltd, India
- 9839 **Automated Ultrasonic Systems for Welded Pipes**
by: H Harbecke, Krautkrämer GmbH & Co KG, Germany
- 9840 **An Introduction to High Frequency Solid State Pipe & Tube Welders**
by: P Scott, Thermatool Corporation, USA
- 9841 **Software Solution for Designing Drawing Rings and Tube Mill Rolls with an Integrated Quality Inspection System**
by: A Sedlmaier, data M Software GmbH, Germany
- 9842 **Upgrading Welded Carbon Steel Boiler Tube Quality**
by: C B Lunawat, Tata Iron & Steel Co Ltd (Tubes Div.), India
- 9843 **Analysis of Manufacturing Processes for Production of Line Pipes**
by: M H Rao & M D Yusuf, Metallurgical & Engineering Consultants (India) Ltd
- 9844 **Automated Ultrasonic Inspection of Submerged Arc Welded Pipes**
by: Rajul R Parikh, Electronic & Engineering Co, India
- 9845 **Modernisation of an Existing Line by Retrofitting of a Solid State Tubular Welder**
by: B Paisari, Elva Induction India Ltd, India
- 9846 **Manufacture of Serrated Fin Welded Tubes for Waste Heat Recovery Applications**
by: C Mani Seamless Steel Tube Plant, Bharat Heavy Electricals Ltd, India

- 9847 **The Properties and Application of C90 Casing Produced by TPCO**
by: Guan Yongsheng, Tianjin Pipe Corporation, China
- 9848 **Drawing of Aluminium Tubes of Cylinder Bore Quality with Very Close Dimensional Tolerances for Pneumatic Cylinders, Cots and Other Applications**
by: B Patel & P Gandhi, M/s Siddhi Engineers, India
- 9849 **Features of a Modern Tube Welder**
by: H Reilard, Elva Induction India Ltd
- 9850 **In-Line Diameter Control Systems for Steel and Metal Pipe/Tube**
by: P J Joseph, Zumbach Electronic AG, Switzerland
- 9851 **Manufacture of Multi Rifled Tubes for Controlled Circulation Boilers**
by: C Mani, Seamless Steel Tube Plant, Bharat Heavy Electricals Ltd, India
- 9852 **Embedded Pentium Processor for Eddy Current Testing, Statistical Analysis, Signal Storage and On-Line Help**
by: V Kavishwar & A Gokhale, Technofour, India
- 9853 **FE-Simulation of Technology of Upsetting Ø 73 x 5.51 EU Tubing**
by: Han Baoyun, Central Iron & Steel Research Institute, China
- 9854 **The Development of X56 Submarine Pipeline in TPCO**
by: Zhang Chuanyou, Tianjin Pipe Corporation, China
- 9855 **The Need for Active Quality Assurance Programmes for Challenging Requirements of Seamless Steel Tubes for Various Applications**
by: S Nagarajan, Seamless Steel Tube Plant - Bharat Heavy Electricals Ltd, India
- 9856 **Control of Inputs to Tube Mill - An Essential Step for Good Quality Tubes**
by: Asim K Dalal, Steel Tubes of India Ltd, India
- 9857 **A CAD-System for Tube Drawing Based on FEM-Simulation of Drawing Processes** by: Han Baoyun, Central Iron & Steel Research Institute, China

TUBE 2000 – TORONTO
“Tube & Pipe Dynamics – A Look Ahead”

10-11 June 1998
Toronto, Canada

- 9809 **High Frequency Welding of Low Carbon Steel Tube**
by: P Scott, Thermatool Corp, USA
- 9615 **Faster, More Efficient Change Overs**
by: R Sladky, Mill-Tech, USA
- 9811 **Production of Dual Wall Tube from Dissimilar Metals**
by: H Niedzwecki, American Electric Fusion Co Inc, USA
- 9812 **Manufacture of Laser Welded Composite Tubes**
by: Dr.-Ing B E Bulushek, SWISSCAB SA, Switzerland
- 9813 **“Hands Free” Tube & Pipe Mill Entry Equipment**
by: L Steinmeyer, Tesgo Inc, USA
- 9814 **High Speed Tube Packaging Systems**
by: M A Nallen & L Voelker, Thermatool Alpha, USA
- 9815 **Round to Square Technology**
by: J Olson, Chicago Roll Co., USA
- 9816 **Annealing and Finishing Hot and Cold Rolled Carbon, Stainless Steel and Copper Tubing**
by: G J Heisler, Seco/Warwick Corporation, USA
- 9817 **Computer Enhanced Inspection**
by: B L Roberts, AKS Inc, USA
- 9818 **High Quality Tubing Starts with Effective Software Technology. Software for Optimised Design of Tube Rolls, Calibration Passes and Drawing Rings**
by: A Sedlmaier, data M Software & Engineering, Germany
- 9819 **FEM Simulation of Roll Forming Process of ERW Pipe by Flexible Forming Mill**
by: F Wang, Nakata Manufacturing Co. Ltd. & M Kiuchi, the University of Tokyo, Japan
- 9820 **Computer Based Weld Profile Monitor Controls Cut-off by Weight**
by: A Richardson, InspecTech, Canada
- 9821 **Display of Ultrasonic Testing Information**
by: M Palynchuk, Western Instrument, Canada & B Audenard, Sofratest SA, France
- 9701 **Technology-Oriented Process Control Packages Applied to Tube Mills: Basic Concepts and Recent Applications**
by: S Bandini, Demag Italmipianti SpA, Italy
- 9823 **Eddy Current Testing with Integrated Condition Monitoring for Welded Tube Inspection**
by: Dr A Grabner, Institut Dr Förster, Germany & R B Peoples, Foerster Instruments Inc., USA
- 9824 **Introduction to Modern Ultrasonic Inspection of Tubes and Bars**
by: K Beck, TAC Technical Instrument Corp, USA
- 9825 **In-Line Gauge Control in Welded Tube Production**
by: W B Graham, Coil Joining Technologies, USA
- 9826 **Bar Coding Tubular Products**
by: Dr J Robertson, InfoSight Corporation, USA
- 9827 **Use of Hydraulic Capsules as Position Actuators on Seamless Tube Rolling Mills: Basic Concepts and Applications**
by: L Montelatici & S Bandini, Demag Italmipianti SpA, Italy
- 9828 **Cold Weld Detection: Non-Destructive Testing Means and Experimental Work Review**
by: A Palynchuk, Western Instruments Inc, Canada
- 9829 **Flux Leakage Testing of Seam Welds in Carbon Steel Tube Can Offer Advantages Over the Eddy Current Test Method**
by: Z Kaminski, InspecTech, Canada

- 9830 **SRM Grooving Made Possible by the High Performance KRIII CNC Machining Unit**
by: D Haydo, Mannesmann Demag, USA, & Dr P Thieven, Mannesmann Metallurgy, Germany
- 9831 **Tube Cut-Off Methods and Equipment**
by: W Holyoak, T-Drill Industries Inc, USA
- 9832 **Highly Improved Function and Productivity for Tube Bending by CNC Bender**
by: Dr M Murata, Dept of Mechanical & Control Eng'g, Univ. of Electro Comms. & T Nakata, Nissin Precision Machine Co. Ltd., Japan
- 9833 **Quench and Tempering of Welded Carbon Steel Tubulars**
by: R Nichols, Thermatool Corporation, USA
- 9834 **Flowforming of Thin-Walled Tubes and Cylinders**
by: V Fonte, Dynamic Machine Works Inc, USA
- 9835 **Re-Shaping of Round Pipes into Square and Rectangular Pipes**
by: M Kiuchi, the University of Tokyo & F Wang, Nakata, Japan
- 9836 **Innovative Products Made From Tube and Sheet Metal via Hydrostatic Stretchforming Techniques**
by: Prof. A Neubauer, Institute Industrial Technology, the Netherlands & K H Schweitzer, hde Metallwerk GmbH, Germany
- 9837 **Advances in Equipment to Anneal Ferrous and Copper Tubing**
by: T Schultz, H J Fischer & D E Goodman, Surface Combustion Inc, USA

AutoTube India '98
17 January 1998
New Delhi, India

- 9801 **General Overview of Steel Pipes and Auto Industry, Tube Industry with Focus on Precision Tubes in the Country**
by: S C Gupta, Rajinder Steel Ltd, India
- 9802 **Precision Tubes for the Automotive Industry**
by: S Mathiyasu, Tube Products of India, India
- 9803 **Quality of Tubular Components Required by the Automotive Industry**
by: R Prasad, Steel Tubes of India Ltd, India
- 9804 **Tubular Products for Two Wheeler Automobiles Industries, Experience at Tata Steel**
by: K Mukhopadhyay, Tata Iron & Steel Co, India
- 9805 **Eddy Current Testing – A Tool for In-Process Quality of ERW Tubes Used in Automobile Industry**
by: P V Dhole, Technofour, India
- 9806 **Brief on Precision Tubes used by Two Wheelers in Auto Industry**
by: R Mehrotra, Rajinder Steel Ltd, India
- 9807 **Process & Management Control for Production of Precision Welded Tubes for New Generation of Automobiles**
by: A K Dalal, Steel Tubes of India Ltd, India
- 9808 **NDT for Seamless Tubes used in Automobile Industry**
by: V Kavishwar, Technofour, India

