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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. Külekçi, 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 Schéele, 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, Pridniprovska State Academy, Ukraine: **Ways of improving competitiveness through innovational 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. Tepiroğlu, 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, Plasmait 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 Hexadredal 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. Bannyy, Ukrgipromez, 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. Kulessa, 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/Volzhsky 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 WearResistance 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

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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

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 Venczel, 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 HighFrequency 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 & Lubricatuon 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

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 'Naturalhy' 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

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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

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 Voswinckel, Otto Junker GmbH, Germany
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 **"Economical Production of Seamless Tubes"** by: G Kulessa, Friedrich Kocks GmbH, Germany
0542 **"Quality Improvement of ERW Pipes by Post Processing"** by: Professor M Kiuchi, Kilametec, 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 Eufrasio, Vallourec & Mannesmann Tubes, Brazil
0549 **"Concepts and Solutions for Different Hydroforming Applications"** by: M Decker, Grabener Maschinentechnik, 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 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 Kulessa, 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, HITEX 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 lnvestigaciones 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 lndustrieanlagenbau 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 Buluschek, 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 Italimpianti 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

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