




| Day | Start | Duration | End | A-sessions | B-Sessions |
|---|-------|----------|-------|---|---|
| Monday, 15th September: PPXXII Opening and Technical Sessions | | | | | |
| | 9:00 | 0:50 | 9:50 | OPENING SESSION | |
| Monday | 9:00 | 0:10 | 9:10 | PPXXII WELCOME - Zoran Davidovski - AUSTRIA (Wienerberger) | |
| | 9:10 | 0:20 | 9:30 | ID109: Advancing Sustainability in the Plastic Pipe Industry: Strategies for Circular Solutions and CO2 Reduction - Zoran Davidovski - AUSTRIA (Wienerberger) | |
| | 9:30 | 0:20 | 9:50 | ID121: Preparing the Industry for the Upcoming Harmonised Rules for Products in Contact with Drinking Water - Peter Sejersen - BELGIUM (The European Plastic Pipes and Fittings Association - TEPPFA) | |
| | 9:50 | 0:30 | 10:20 | TECHNICAL BREAK | |
| Monday | 10:20 | 1:40 | 12:00 | 1A - DRINKING WATER Chair: Peter Sejersen - Belgium (The European Plastic Pipes and Fittings Association (TEPPFA)) | 1B - INNOVATIVE APPLICATIONS Chair: Tony Calton - Belgium (The European Plastic Pipes and Fittings Association (TEPPFA)) |
| | 10:20 | 0:20 | 10:40 | ID156: Navigating the New EU Regulations: Materials and Products in Contact with Drinking Water - Samantha Duffy - BELGIUM (NSF Global Water Program) | ID116: Structural Design of Plastic Manholes - Ricky Selle - GERMANY (Selle Consult GmbH) |
| | 10:40 | 0:20 | 11:00 | ID245: Understanding the Impact of the New Drinking Water Directive - Cristina Costa - PORTUGAL (Cires Lda) | ID231: The Use of HDPE Corrugated Pipes in Microtunneling - Grigorios Vigellis - U.A.E. (Union Pipes Industry), Ioannis Inepkoglou - U.A.E. (Borouge) |
| | 11:00 | 0:20 | 11:20 | ID144: Reducing the Level of Arvin Substances in Pipe Applications - Gerd Mannebach - Germany (Basell Polyolefine GmbH) | ID202: New Technology for Improvement of Strength of Extruded Inline Sockets on Double Wall Corrugated Pipes - Kong Lingxiang - CHINA (ZhongyunTech) |
| | 11:20 | 0:20 | 11:40 | ID283: Detection of Arvin Substances in Water Samples and Pipe Applications - Przemyslaw Hruszka - BELGIUM (The European Plastic Pipes and Fittings Association - TEPPFA) | ID276: Revolutionising Plastic Pipe Handling: A Reusable System for Safer, Efficient Logistics - Dermot Lindsay, Wade Price - AUSTRALIA (Earthco) |
| | 11:40 | 0:20 | 12:00 | ID133: Paving the Way for the Use of Polymers as Barrier Materials in Drinking Water Pipes - Christoph Losher - GERMANY (FABES Forschungs-GmbH) | ID236: Thermoplastic Boxes: The Evolution of Polypropylene Stormwater Retention and Detention Systems - John M. Kurdziel - U.S.A. (Advanced Drainage Systems, Inc.) |
| | 12:00 | 1:00 | 13:00 | LUNCH SPONSORED BY  TECNOMATIC | |

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| Monday | 13:00 | 1:20 | 14:20 | 2A - WATER Chair: Ludo Debever - Belgium (The European Plastic Pipes and Fittings Association (TEPPFA)) | 2B - PROCESSING INNOVATIONS Chair: Christian Apel - Germany (Radius Group Procurement) |
| | 13:00 | 0:20 | 13:20 | ID214: Resistance of Polypropylene Raised Crack and Temperature Resistance (PP-RCT) to Chloramine Solutions - Christopher Ziu - U.S.A. (Nupi Americas) | ID123: Research and Practice of Anti-Sag Technology for High Yield Extrusion of PE Large Diameter Thick Wall Plastic Pipe - Richard Lee - CHINA (Ningbo Fangli Technology Co.,Ltd) |
| | 13:20 | 0:20 | 13:40 | ID220: Application Case of HDPE Siphon Rainwater System on the Roof of Large Industrial Building - Huang Zhuying - CHINA (Hongyue Plastic Group Co., Ltd) | ID244: New Scanning Technology for Multi-Layer and Structed Wall Pipes - Joseph Venegas - THE NETHERLANDS (Rollepaal Pipe Extrusion Technology) |
| | 13:40 | 0:20 | 14:00 | ID270: Survey of Experience with More than 50 Year Old Water Supply Polyethylene Pipes in Japan - Takashi Kuriyama - JAPAN (Kyushu University) | ID137: ØOD 1600 mm PVC-U Pipe: Pioneering New Possibilities in Modern Infrastructure - Chelsea Qin - CHINA (Shanghai Jurry Plastics Machinery) |
| | 14:00 | 0:20 | 14:20 | ID282: Industry Insights, Best Practices / Transitioning from Traditional Materials Lessons Learned Transitioning from DI to HDPE Water Main - Casey Haynes - U.S.A. (Haynes Engineering & Excavation, LLC) | ID150: Advancements in Material Savings in PO Pipe Extrusion - Andreas Türk - GERMANY (battenfeld-cincinnati) |
| | 14:20 | 0:30 | 14:50 | COFFEE BREAK SPONSORED BY  Shell Polymers | |
| Monday | 14:50 | 1:20 | 16:10 | 3A - GLOBAL CASE STUDIES Chair: Andy Wedgner - The Netherlands (LyondellBasell) | 3B - RENEWABLE ENERGY Chair: Randy Knapp - U.S.A. (Plastics Pipe Institute (PPI)) |
| | 14:50 | 0:20 | 15:10 | ID230: Successful Implementation of Plastic Pipes in Mine Subsidence Areas - Saviz Gharavi - AUSTRALIA (Savon Engineering) | ID184: Thermoplastic Lining System and Life Cycle Costing: A Business and Environmental Perspective - Mohana Murali Adhyatmabhattar - U.A.E. (United Special Technical Services (USTS)) |
| | 15:10 | 0:20 | 15:30 | ID254: Case study of a PE-Pipeline with Manholes DN/ID3500, Jointed by Integrated Electrofusion in the Philippines. - Bernhard Alexander Krah - GERMANY (Krah GmbH) | ID179: Miami University Turns to Polypropylene (PP) Pipe for Campus-Wide Hydronic Heating Upgrade - Steve Sandstrum - U.S.A. (Borealis Compounds, Inc.) |
| | 15:30 | 0:20 | 15:50 | ID264: PE100 Material Supports Sea Water Cooling Project in Jazan – Saudi Arabia - Ioannis Inepekoglou - U.A.E. (Borouge) | ID146: Low CO2 Footprint High Voltage Cable Ducts Based on PE100-RC-HT Compound for Green Electricity Transport in Germany - Herbert Terwyen - GERMANY (Basell Polyolefine GmbH) |
| | 15:50 | 0:20 | 16:10 | ID235: Using HDPE Pipe to Preserve the Great Salt Lake - Stephen Boros - U.S.A. (Pipeline Plastics) | ID187: Assessing Long-Term Effects and Permeation of Hydrogen Transported in Polyethylene Pipes - Márton Bredács - AUSTRIA (Polymer Competence Center Leoben GmbH) |
| | 16:10 | 0:30 | 16:40 | COFFEE BREAK SPONSORED BY  Rollepaal Pipe Extrusion Technology | |

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| Monday | 16:40 | 1:00 | 17:40 | 4A - CIRCULAR STRATEGIES Chair: Dan Currence - U.S.A. (Plastics Pipe Institute (PPI)) | 4B - ANALYSIS Chair: Michael Pluimer - U.S.A. (Crossroads Engineering) |
| | 16:40 | 0:20 | 17:00 | ID251: Circularity of Plastic Pipes in Australia - Cindy Bray - AUSTRALIA (Plastics Industry Pipe Association of Australia (PIPA)) | ID195: Predicting the “1000-hour” Test According EN 1852-1 of Virgin and Post-Consumer Recycled Polypropylene Grades and Corresponding Mixtures - Mario Messiha - AUSTRIA (Polymer Competence Center Leoben GmbH) |
| | 17:00 | 0:20 | 17:20 | ID241: Sustainable Polyolefin Feedstock for Various Pipeline Projects - Yazgan Mete - GERMANY (Borealis AG) | ID256: Stress Relaxation-Based Lifetime Estimation of Unpressurized Polyethylene Pipes Containing Recycled Material – Revisiting the Janson Strainability Approach - Daniel Zach - AUSTRIA (Montanuniversität Leoben) |
| | 17:20 | 0:20 | 17:40 | ID205: Assessing Environmental Impacts of Circular PE-X Pipes - Ilari Aho - FINLAND (GF Building Flow Solutions) | ID257: Advanced Microstructural Insights and Optimization Strategies for Oriented PVC Pipes - Daniel Voces - SPAIN (Molecor) |
| Tuesday, 16th September: Technical Sessions | | | | | |
| Tuesday | 9:00 | 1:20 | 10:20 | 5A - RESILIENCE AND SUSTAINABILITY Chair: Steve Sandstrum - USA (Borealis Compounds) | 5B - COMPOSITES Chair: Suleyman Deveci - UAE (Borouge) |
| | 9:00 | 0:20 | 9:20 | ID265: A Revised NCLS Test Method to Predict Service Life for Structure-Walled Pipes - Michael Pluimer - U.S.A. (University of Minnesota - Duluth) | ID134: Analysis of sGF Orientation of Polyethylene Reinforced with Short Glass Fibers Pipe by Spiral Cross Winding Method - Mitsuaki Tokiyoshi - JAPAN (C.I.TAKIRONCIVIL Corporation) |
| | 9:20 | 0:20 | 9:40 | ID260: Are Microplastics a Problem for the Plastic Pipe Industry? - Tina Gruber - U.S.A. (University of Minnesota - Duluth) | ID166: Specialized Multilayer Die-Head Design – New Concepts for New Questions - Robert Weddgie - GERMANY (KraussMaffei Extrusion GmbH) |
| | 9:40 | 0:20 | 10:00 | ID211: Influence of Service Laterals on the Seismic Response of HDPE Pipes - Michael O'Rourke - U.S.A. (Rensselaer Polytechnic Institute (RPI)) | ID192: Paving the Way for the Use of Reinforced Thermoplastic Pipes for the Transport of Carbon Dioxide - Suzanne van Greuningen - THE NETHERLANDS (Kiwa Technology) |
| | 10:00 | 0:20 | 10:20 | ID269: Assuring a Sustainable Future of Our Industry's Workforce – Some North American Resources for Those Interested in Plastics Piping Systems - White G. Jee - U.S.A. (JEE Consulting Services LLC) | ID112: Green Composition - Make Multi-Layer Pipe Recyclable and Sustainable - Li Xing - CHINA (Zhejiang Shuanglin Environment Co., Ltd.) |
| | 10:20 | 0:45 | 11:05 | COFFEE BREAK | |

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| Tuesday | 11:05 | 1:20 | 12:25 | 6A- SUSTAINABILITY ASSESSMENTS Chair: Ilari Aho - Finland (GF Building Flow Solutions / Uponor) | 6B - CHALLENGING ENVIRONMENTS Chair: Vivek Rohatgi - USA (Chevron Phillips Chemical) |
| | 11:05 | 0:20 | 11:25 | ID210: New EU Representative Environmental Datasets (LCIs) for Recycled PVC (Flake Micronised Powder) - Jean-Pierre Taverne - BELGIUM (The European Plastic Pipes and Fittings Association - TEPPFA) | ID128: Innovative HDPE Pipes with Superior Abrasion and Crack Resistance for Mining Applications - Pongpol Ekabutr - THAILAND (SCG Chemicals Co.,Ltd.) |
| | 11:25 | 0:20 | 11:45 | ID250: Comparing the Environmental Impacts of Different Piping Systems - Lucy Croker, Matthew Hynes - AUSTRALIA (Vinidex Pty Ltd, Iplex) | ID157: Investigation of a PP-RCT Pipe After 5 Years Use with 95 °C Hot Water - Olle Persson - AUSTRIA (Borealis AG) |
| | 11:45 | 0:20 | 12:05 | ID129: The Recycling Commitment of the European Plastic Pipe Industry - Ludo Debever - BELGIUM (The European Plastic Pipes and Fittings Association - TEPPFA) | ID158: Modeling of Brittle Fracture Behaviors of Polyethylene Pipes Under Oxidative Environments - Jung-Wook Wee - REPUBLIC OF KOREA (Kyungpook National University) |
| | 12:05 | 0:20 | 12:25 | ID266: Reducing Embodied Carbon Through the Use of Plastic Pipe in Infrastructure - Dan Currence - U.S.A. (Plastics Pipe Institute (PPI)) | ID248: Mobile Extrusion Technology - A Sustainable Case Study in the Production, Joining, and Installation of Long Lengths of HDPE Pipes in a Mining Application - White G. Jee - U.S.A. (JEE Consulting Services LLC) |
| | 12:25 | 1:00 | 13:25 | LUNCH | |
| Tuesday | 13:25 | 1:20 | 14:45 | 7A - LEVERAGED LEARNINGS Chair: David Fink - U.S.A. (Plastics Pipe Institute (PPI)) | 7B - INNOVATION (RESIN) Chair: Carl Baker - U.S.A. (Shell Polymers) |
| | 13:25 | 0:20 | 13:45 | ID267: Plastic Pipe Market Development after Economic Change in 1989 in Poland - Piotr Falkowski - POLAND (Polskie Stowarzyszenie Producentów Rur i Kształek z Tworzyw Sztucznych) | ID136: Reducing Greenhouse Gas Emissions through Innovation in the Plastic Pipe Industry: Pathways to Low-Carbon Polyethylene - Gaelle Pannier - BELGIUM (INEOS Olefins & Polymers Europe) |
| | 13:45 | 0:20 | 14:05 | ID190: Potable Water Disinfection Resistance Classification Methodology for HDPE Pipe Resistance as implemented in North America - Patrick Vibien - U.S.A. (Plastics Pipe Institute (PPI)) | ID199: Design Characteristics of High - Density Polyethylene for Large Diameter Pressure Pipe - Umang Agarwal - U.S.A. (Shell Chemical LP) |
| | 14:05 | 0:20 | 14:25 | ID212: Toward a Comprehensive Understanding of the Grafting & Crosslinking of Polyethylene Using the SIOPLAS System for the Production of PEX Pipe- Robert Samplonius - CANADA (KAFRIT NA) | ID185: High Filled Content OPVC Pipes for Low to Medium Pressure Range Applications - David Trigo Cabañero - SPAIN (Molecor Tecnologia SL) |
| | 14:25 | 0:20 | 14:45 | ID218: Plastic Pipes in Sustainable Infrastructure: Dispelling Common Misconceptions - Tobias Johnsen - BELGIUM (PVC4Pipes) | ID193: Effect of Initial Morphology on the Drawing Behavior and Final Properties of Biaxially Oriented Polypropylene Pipes - Mark Boerakker - The Netherlands (SABIC) |
| | 14:45 | 0:30 | 15:15 | COFFEE BREAK SPONSORED BY  | |

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| Tuesday | 15:15 | 1:20 | 16:35 | 8A - STANDARDIZATION/ BEST PRACTICES Chair: Mitsuaki Tokiyoshi - Japan (C.I. Takironcivil Corporation) | 8B - INSTALLATION DESIGN Chair: John Kurdziel - U.S.A. (Advanced Drainage Systems) |
| | 15:15 | 0:20 | 15:35 | ID216: 25 Years of Collaborative Efforts to Support the PE100 Pipe Industry - Suleyman Deveci - U.A.E. (PE100+ Association) | ID107: Effect of Creep in Estimating Deflection of Buried HDPE Pipe - Chris Ampfer - U.S.A. (WL Plastics LLC an INEOS Business) |
| | 15:35 | 0:20 | 15:55 | ID219: How China's Plastic Pipe Industry is Preparing to be Sustainable - Wang Zhanjie - CHINA (China Plastics Processing Industry Association (CPPIA)) | ID194: Pressure Testing of a Long Sections of Large Diameter PE Pipeline - Andrzej Roszkowski - POLAND (KMR s.c.) |
| | 15:55 | 0:20 | 16:15 | ID152: Standards Development Continues Support of Polypropylene Pipe Market in North America - Steve Sandstrum - U.S.A. (Borealis Compounds, Inc.) | ID246: The New EU Construction Products Regulation (CPR) - What it Will Entail for Plastic Pipes? - Jean-Pierre Taverne - BELGIUM (The European Plastic Pipes and Fittings Association - TEPPFA) |
| | 16:15 | 0:20 | 16:35 | ID181: Updated Polyethylene Product Standards doing their part for a Sustainable Future - Ernst van der Stok - THE NETHERLANDS (Kiwa Technology) | ID237: Analysis of Narrow Trench Impacts on Polyethylene Pipelines - Joseph Babcanec - U.S.A. (Advanced Drainage Systems) |
| Wednesday, 17th September: Technical Sessions & Closing | | | | | |
| Wednesday | 9:00 | 1:20 | 10:20 | 9A - VALUE ADDING Chair: Vincent Stone - Belgium (PVC4PIPES) | 9B - STRUCTURED WALL Chair: Bruce Hollands - U.S.A. (PVC Pipe Association) |
| | 9:00 | 0:20 | 9:20 | ID258: Advancing Climate Efficiency in Pipeline Renovation with No-Dig Technology - Claes Wiger - SWEDEN (A-Plast) | ID110: Innovative Approach to Measure Layer Transitions of Corrugated Pipes - Christian Schalich - GERMANY (SIKORA AG) |
| | 9:20 | 0:20 | 9:40 | ID131: Advanced Recycling Options for Legacy Additives-Containing PVC Pipe Waste - Vincent Stone - BELGIUM (VinylPlus) | ID259: 30 Years of Double Wall Corrugated PVC Piping System for Sewage Applications - Pablo Peinado - SPAIN (Molecor Tecnologia S.L.) |
| | 9:40 | 0:20 | 10:00 | ID149: A Solution for PVC Pipe Waste Legacy Additives - Eric Romers - BELGIUM (INEOS Inovyn) | ID113: Beyond Hoop: Axisymmetric Stress in PVC Pressure Pipe Joints - Guido Quesada - Costa Rica (HULTEC) |
| | 10:00 | 0:20 | 10:20 | ID148: Options For Defossilization of PEX Resins and Recycling Solutions For Interior Piping - Holger Bruening - GERMANY (Basell Polyolefine GmbH) | ID147: Design Method for Calculating Load Reduction when Using Plastic Instead of Concrete Pipes - Jan Vaslestad - NORWAY (GeoAnlegg AS) |
| | 10:20 | 0:30 | 10:50 | COFFEE BREAK | |

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| Wednesday | 10:50 | 1:20 | 12:10 | 10A - SUSTAINABLE USE Chair: Andre Nijland - The Netherlands (Orbia Building & Infrastructure (Wavin)) | 10B - FUSION Chair: Shane Schuessler - U.S.A. (ISCO) |
| | 10:50 | 0:20 | 11:10 | ID206: Higher Quality Recyclates for Pipe Applications by Improved Mechanical Recycling - Jutta Geier - AUSTRIA (Polymer Competence Center Leoben GmbH) | ID273: A Novel Electrofusion Welding Technique for Large Diameter Pressure Class Pipelines: Mechanical Assessment, and Case Study - El Mehdi Tamasna - GERMANY (Star Engineering Systems) |
| | 11:10 | 0:20 | 11:30 | ID177: Validation of End-Use Application Conditions for HDPE Conduit with Recyclate - Patrick Vibien - U.S.A. (Plastics Pipe Institute (PPI)) | ID221: Evaluation of the Hydro-Axial Stress Rupture Test for PE100 Butt Fusion Joints - Suleyman Deveci - U.A.E. (Borouge Pte. Ltd.) |
| | 11:30 | 0:20 | 11:50 | ID188: Carbon Blacks in Pressure Pipes – a Successful History with a Sustainable Future - Marc Delvaux - BELGIUM (CABOT Corporation) | ID240: International Round-Robin Testing Of Non-Destructive Test Methods For Polyethylene Butt Fusion Joints - Suleyman Deveci - U.A.E. (Borouge Pte. Ltd.) |
| | 11:50 | 0:20 | 12:10 | ID141: Evaluation of Tightness Testing for PE Pipes - Daniel Ejdeholm - SWEDEN (GPA Flowsystem AB) | ID249: Improving Electrofusion (EF) Peel Decohesion Weld Test Interpretation Through Collaboration and Education - Matthew Hynes - AUSTRALIA (Plastics Industry Pipe Association of Australia (PIPA)) |
| | 12:10 | 1:00 | 13:10 | LUNCH SPONSORED BY  | |
| Wednesday | 13:10 | 1:20 | 14:30 | 11A - DESIGN (100+) Chair: Robin Bresser - USA (Baystar) | 11B - DATA AND EDUCATION Chair: Cindy Bray - Australia (Plastics Industry Pipe Association of Australia (PIPA)) |
| | 13:10 | 0:20 | 13:30 | ID278: The 100-Year Lifetime of PE100/PE100RC Pipes – An Industry Association's Perspective - Suleyman Deveci - U.A.E. (PE100+ Association) | ID167: Data Strategy is Key to the Circular Economy – How Gravimetrics, Inline-Measurement Systems and Data Contribute to Sustainability - Markus Hildenbrandt - GERMANY (iNOEX GmbH) |
| | 13:30 | 0:20 | 13:50 | ID170: PVC-U Pipes: Optimal Extrusion Conditions for a 100+ year Design Lifetime (Part II) - Joaquin Lahoz Castillo - SPAIN (CEIS, S.L.) | ID215: The Impact of Comonomer on High Temperature Performance of Polyethylene of Raised Temperature (PE-RT) Resins - Alex Stolarz - Switzerland (Dow Europe GmbH) |
| | 13:50 | 0:20 | 14:10 | ID232: 100 Years Lifetime of Polyethylene Pipes – a Review - Gerald Pinter- AUSTRIA (Montanuniversität Leoben) | ID189: Leveraging Voluntary Data to Improve the Safety of Gas Distribution Systems Through the PPDC - Randall Knapp - U.S.A. (Plastics Pipe Institute (PPI)) |
| | 14:10 | 0:20 | 14:30 | ID272: A Sustainable 100 Year Design Life with HDPE Pipe - Stephen Boros - U.S.A. (Pipeline Plastics) | ID261: Educating the Next Generation of Plastic Pipe Experts - Michael Pluimer - U.S.A. (University of Minnesota - Duluth) |
| | 14:30 | 0:30 | 15:00 | COFFEE BREAK SPONSORED BY  | |

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|------------------|--------------|-------------|--------------|---|--|
| Wednesday | 15:00 | 1:20 | 16:20 | 12A - DESIGN CONSIDERATIONS Chair: Camille Rubiez - USA (Plastics Pipe Institute (PPI)) | 12B - PRESSURE PIPE TESTING Chair: Przemyslaw Hruszka - Belgium (The European Plastic Pipes and Fittings Association (TEPPFA)) |
| | 15:00 | 0:20 | 15:20 | ID172: Determining Accurate Friction Factors for Highly Crystalline, Ultra Smooth, Water Repellent PP-RCT Piping Systems and Equivalent Lengths and K Factors for Molded Long Radius 90° Elbows and Standard Sharp-Turn Molded 90° Elbows By Full Scale Flow Testing - Christopher Ziu - U.S.A. (Nupi Americas) | ID174: Chlorine Resistance Testing of Hot Cold Water Pipes a 30 Year Review and New Challenges - Stefan Dreckoetter - GERMANY (Borealis Polymere GmbH) |
| | 15:20 | 0:20 | 15:40 | ID132: Research on the Performance of Axial Coefficient of Linear Expansion and Applications for Plastic Pipes - Xiaowei Zhang - CHINA (SINOPEC (Beijing) Research Institute of Chemical Industry Co.,Ltd) | ID124: Permeability Coefficients of Sustainable Gases Through Plastic Pipes - Suzanne van Greuningen - THE NETHERLANDS (Kiwa Technology) |
| | 15:40 | 0:20 | 16:00 | ID155: Thermal Analysis of Structural Properties for Gravity Flow Corrugated Polypropylene Pipe at Elevated Temperatures - Joseph Babcanec - U.S.A. (Advanced Drainage Systems, Inc.) | ID127: Evaluation of Slow Crack Growth Resistance In PE100RC: Will a Single Test Ever be Possible? - Carlos Dominguez - SPAIN (Polymer Technology Laboratory - Rey Juan Carlos University) |
| | 16:00 | 0:20 | 16:20 | ID271: Survey of United States Departments of Transportation: Practices to Enhance Resiliency of Existing Roadway and Embankment Culverts - Sara Stone - U.S.A. (Crossroads Engineering Services) | ID208: The Impact of Different Ways of Measuring the Notch Dimensions in CRB test - Nadia Luijsterburg-Vleugels - THE NETHERLANDS (Kiwa Expert B.V. (Kiwa Technology)) |
| | 16:20 | 0:15 | 16:35 | CLOSING - Zoran Davidovski - AUSTRIA (Wienerberger) | |