# Programme

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 - 10:00</td>
<td>Registration of participants</td>
<td>Welcome coffee</td>
</tr>
<tr>
<td>10:00 - 10:10</td>
<td>Opening</td>
<td>Carlo Ciotti</td>
</tr>
<tr>
<td>10:10 - 10:35</td>
<td>PVC Cables Market Update</td>
<td>Cristina de Santos</td>
</tr>
<tr>
<td>10:35 - 11:50</td>
<td>SUSTAINABILITY - REGULATION AND CHALLENGES</td>
<td>Roland Dewitt</td>
</tr>
<tr>
<td>10:35 - 10:55</td>
<td>Construction Projects Regulation (CPR), Euroclasses and additional criteria, test methods, CE marking as quality control</td>
<td>Roland Dewitt</td>
</tr>
<tr>
<td>10:55 - 11:50</td>
<td>Ongoing CPR implementation by the authorities and enforcement action taken at country level</td>
<td>Panel Discussion: Roland Dewitt</td>
</tr>
<tr>
<td>11:50 - 12:10</td>
<td>Update on Restriction of Hazardous Substances (RoHS) and Best Environmental Manufacturing Practices (BEMP)</td>
<td>Arjen Sevenster</td>
</tr>
<tr>
<td>12:10 - 12:30</td>
<td>Cables recycling</td>
<td>Francesco Tarantino</td>
</tr>
<tr>
<td>12:30 - 13:30</td>
<td>Lunch</td>
<td></td>
</tr>
</tbody>
</table>
SESSION 3  INNOVATION: SOLUTIONS & POSSIBILITIES
Moderator | Natalie Noor-Drugan, Editor-in-Chief, CRU Wire & Cable News

13:30 - 13:45  PVC: how innovation can ensure a bright future in cable applications
Daniel Martinz | INOVYN (ECVM member company)

13:45 - 14:00  Performance improvement and innovation: the role of nanotechnologies
Enrico Boccaleri | Università del Piemonte Orientale

14:00 - 14:15  The project Class Bca: how formulations can influence the PVC cables fire behaviour
Gianluca Sarti | PVC Forum Italia (Compounds for Cables Group)

14:15 - 14:35  Panel Discussion
Moderator | Natalie Noor-Drugan, Editor-in-Chief, CRU Wire & Cable News
Enrico Boccaleri | Università del Piemonte Orientale
Daniel Martinz | INOVYN (ECVM member company)
Gianluca Sarti | PVC Forum Italia (Compounds for Cables Group)

14:35 - 14:50  Overview of PVC stabilisers solutions
Alain Cavallero | European Stabiliser Producers Association (ESPA)

14:50 - 15:05  Overview of plasticiser solutions
Matthias Pfeiffer | European Plasticisers

15:05 - 15:20  Overview of fire retardants solutions
Philippe Salemis | Phosphorus, Inorganic and Nitrogen Flame Retardants Association (pinfa)

15:20 - 15:40  Panel Discussion
Moderator | Natalie Noor-Drugan, Editor-in-Chief, CRU Wire & Cable News
Alain Cavallero | ESPA
Matthias Pfeiffer | European Plasticisers
Philippe Salemis | pinfa

15:40 - 15:50  Closing remarks, looking ahead
Zdenek Hruska | Project Manager, PVC4Cables

15:50 - 16:45  Networking Coffee

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Enrico Boccaleri
Associate professor, teacher and researcher in Material Chemistry and Material Science / Università del Piemonte Orientale – DISIT

Dr Enrico Boccaleri received his degree in Chemistry cum laude in 1996, and PhD in 2001, from Torino University, he then became a researcher in the field of Inorganic and Materials Chemistry at the Università del Piemonte Orientale, Faculty of Science, in Alessandria, and since April 2016 is Associate Professor at the Department of Science and Technological Innovation at the same Academy.

His research interests are focused on the synthesis, characterization and functionalization of inorganic and organic/inorganic hybrid nano-structured materials and their use and application as functional materials and additives. His studies concern one-dimensional (layered inorganic materials, e.g. layered double hydroxides, or synthetic clays), two-dimensional (e.g. carbon nanotubes, CNTs) and three-dimensional (e.g. polyhedral oligomeric silsesquioxanes, POSS).

In 2009 he founded Nova Res, with colleagues, a company born as a spin-off of UPO University, focused on viable applications of innovative materials at the industrial scale. He is co-author of more than 60 research papers on international journals and of six industrial patents.

Alain Cavallero
Secretary General, European Stabiliser Producers Association (ESPA)

Dr Alain Cavallero graduated in chemistry from the University of Louvain (Belgium) and pursued his PhD at the Nuclear Research Centre of Jülich (Germany), which he obtained in 1981.

He joined Monsanto Chemicals Company where he held various positions from applied research to market development for various specialty products, including rubber chemicals and thermoplastic elastomers.

After 20 years of industrial and commercial experience, he joined the Brussels-based European Chemical Industry Council (Cefic) where he managed several industry associations involved with Plastic Additives. Among them, the European Stabiliser Producers Association (ESPA) which he is now heading as Secretary General.

Carlo Ciotti
Spokesperson, PVC4Cables

Carlo Ciotti, engineer, is the President of the PVC Forum Italia. He lived all his working experience in the PVC value chain working for leading chemical industries, manufacturers of PVC resin.

Carlo began his career as a Project and Process Manager and became Head of Research and Development and later Site Manager in EDC / VCM / PVC production plants. Prior to becoming President of PVC Forum Italia he continued his experience in the PVC industry.
as a SHE (Safety Health Environment) and Environmental Affairs Manager. Carlo has also worked in the field of PVC processing and, in particular, compounding. Carlo represents the Italian PVC Forum in the European PVC Network.

Cristina de Santos  
*Unit manager – Energy & Infrastructure, AMI Consulting*

Cristina de Santos oversees the development of AMI’s portfolio of reports, conferences and consulting services on markets including plastic pipe and cable, wind turbine blades or photovoltaics. Cristina is a skilled analyst with expertise in polymer consumption for technical applications and composite materials. Prior to AMI Consulting, Cristina worked at EnergyLab S.A., Vigo, Spain as a research engineer.

Cristina is qualified with an MBA, and an MSc in Power and Electric Engineering. She is a Spanish national, fluent speaker of English and Portuguese.

Esther Hild  
*ZVEI*

Esther Hild received a degree in communications engineering in 2005 and a masters’ degree in electrical engineering in 2007 from the University of Applied Sciences Cologne. After working three years as a development engineer at one of the world’s leading lamp manufacturer, she started at the German Electrical and Electronic Manufacturers Association as a technical manager for the German Cable Makers Association.

Since then she is strongly involved in the work on Construction products regulation for cables, environmental aspects on cables and communication cables.

This includes the organisation and/or chairing of technical meetings and Standardisation Working Group meetings (national and international), the technical support service for member companies and the representation of member companies in discussions with German federal authorities.

Zdenek Hruska  
*Project Manager, PVC4Cables*

Zdenek Hruska holds an engineering diploma in Plastics Technology from the Prague Institute of Chemical Technology and a PhD in Polymer Chemistry from IMC in Prague. Since joining Solvay in 1991 he held various management positions in Belgium, Germany, and France. In 2013 he moved in Brussels, first at Solvin and later at Inovyn as an advocacy manager.

In January 2016 Zdenek joined the European Council of Vinyl Manufacturers (ECVM) as a Public Affairs Senior Manager.

Yannick Le Tallec  
*Certification Director, Efectis France*

Yannick Le Tallec received a PhD Degree in Physics and Chemistry from the University of Lille Flandres Artois (France) in 1992.

Since 2011, she is the certification director for Efectis France where she is responsible for certification activities and new developments for products and services certification. She has over 24 years experience in fire behaviour of materials and over 10 years in Certification (including CE marking). Her technical experience includes fire testing for construction products, transportation, toxicity of fire effluents, standardisation and certification processes.

Yannick is president of the Group of Notified Bodies under the Construction Product Directive, convenor of TC127/WG7 and convenor of SH02/WG10 (Group of Notified Bodies under the CPD, dealing with cables). Previously, she was the Chair of SH02 (Horizontal Fire sector Group under the CPR) for six years.
Jose Carlos Lorenzo Lopez  
*Industrial Manager, Conductores Electricos REVI S.A.*

Jose Carlos Lorenzo Lopez received an M.Sc. degree in Industrial Engineering in the Mechanics speciality from the Universidad of Vigo in 1988. He has been working in the manufacturing industry of electrical cables since 1986. He was quality manger and R&D manager at the Conductores Eléctricos de Galicia S.A., Vigo, Spain. He was a cable manager in the Research and Development Department in Draka Cables Vigo (owned by the Dutch Multinational Draka). He was also general manager with Sisnext Engineering. 

Jose is presently the industrial manager of Low voltage cable division and Plastics Pipes division, at Grupo Gremvi Galicia S.L, Orense (Spain).

Michel Loubry  
*Regional Director, West Region, PlasticsEurope*

A chemist by education, Michel Loubry is French, aged 60. He started his professional career at Unilever, moving to DSM, where he worked in France (1983-1989), the Netherlands (1989-1993), Spain (1993-1995) and Italy (1995-1998), returning to France in 1998. 

After having left DSM in 2003, he became an independent consultant, focusing on cultural differences in business environments. 

Since 2005, Michel Loubry is PlasticsEurope’s regional director for the West Region that encompasses Belgium, France, Luxembourg and the Netherlands. He has also led the association’s efforts on Energy Efficiency and Climate Protection as programme director between 2006 and 2011. He is guiding the association’s activities towards Consumer Protection since 2013.

Daniel Martinz  
*Technical Marketing & Development Manager – Specialty Vinyls, INOVYN Belgium SA*

Daniel Ortiz Martinz graduated as a chemical engineer from the University of Säo Paulo (Brazil) in 1998 and joined Solvay Indupa in 1999. For ten years he was involved with Customer Technical Services in South America in different flexible vinyl markets, especially compounds, sheets and paste PVC. In 2009 Daniel was transferred to SolVin SA in Brussels as a technical marketing and development manager for Paste PVC. In 2015 he joined Inovyn as head of technical marketing and development for Specialty Vinlys.  

Daniel holds both Belgian and Brazilian citizenships, speaks four languages, has a Master Degree in Marketing (2004) and a Master Science Degree in Nanosciences and Advanced Materials (2009).

Natalie Noor-Drugan  
*Editor-in-Chief & Publisher, CRU Wire & Cable News*

Natalie Noor-Drugan is the editor-in-chief and publisher of CRU Wire & Cable News, a CRU Group product. Natalie Noor-Drugan is a value-added content driven journalist and editor with 15 years’ experience in daily, weekly and monthly business-to-business publishing for the petrochemicals, fertilisers, steel and wire & cable industries. She also is co-analyst on CRU’s Wire & Cable Market Outlook, which looks and forecasts demand and supply for the global energy cables markets. 

CRU Wire & Cable News provides news, analysis and insight into the global metallic wire & cable and fibre optics industries. Topics covered include global M&A activity, company financial performance, industry and national regulations effecting the wire and cable industry and major projects awarded to energy and communication cable...
Matthias Pfeiffer  
*Head of Technical Marketing Plasticisers Europe, BASF SE (representing “European Plasticisers”)*

Matthias obtained a Diploma in Chemistry 1997 at the University of Würzburg and finished his PH.D. in Inorganic Chemistry in 1999. Until 2008 he worked for Jungbunzlauer, focusing on the Application Technology and Market Development of Citric acid ester and other natural fruit acid ester as plasticisers for PVC and other polymers.

In 2008 Matthias joined BASF SE in Ludwigshafen and had several positions in marketing and development for Glues, impregnating resins and metal injection moulding. In 2014 he came back to the “PVC and Plasticiser World” and took over the responsibility for the technical marketing of the European BASF plasticiser portfolio.

Marco Piana  
*Technical Director, PVC Forum Italia*

Marco Piana graduated in Engineering at the Politecnico di Torino, and after attaining the Master’s degree at Energetics Department of the Politecnico di Torino in energy saving and acoustic sectors. Marco has collaborated with the application laboratories of CSI (Montedison Group). Later, he became responsible for design at a manufacturer of food processing plants, he is now the coordinator of PVC Forum Italia - Centro di Informazione sul PVC.

Marco is a member of the UNI, UNIPLAST, CTI Commissions and CEN, as well as of national committees for thermal insulation, acoustic, fire behavior of materials for civil and industrial purposes. Marco is also an expert at the Ministry of Transport for isothermal vehicles and systems of foodstuffs transport and at the Ministry of the Interior in the fire behavioural material and fire prevention design. He takes part in courses and conferences in Italy and Europe; moreover he writes specialised technical articles and issues for didactic and formative purposes and is a designer of innovative components for civil and industrial buildings

Roland Dewitt  
*Expert in CEN and ISO standardisation*

Roland Dewitt got his PhD in chemistry in 1984 at the Université Libre de Bruxelles. He started his career with Solvay as a researcher in polyethylene catalysis, then as technical support for PE pipes. He has been in charge of the organisation of standardisation monitoring for the plastics sector of Solvay, being himself involved in a series of CEN and ISO standardisation committees, including the chair of CEN TC 249 on Plastics. Before he left Solvay in 2011, he had extended his standardisation activities to IEC committees on cables and fire hazard testing.

He is now a consultant for ECVM, the PVC sector of PlasticsEurope, covering standardisation matters related to fire safety and PVC products for construction, including low and medium voltage cables.

Philippe Salémis  
*pinfa Secretary General, Cefic*

With initially a PhD in Polymers and Macromolecular Chemistry, Philippe Salémis commenced his career as an associate research chemist within the university, then joined the industry initially in R&D and technical services and then management of Research and Development programmes in the specialty chemical industry. Being multi-lingual, with at least five languages, he then went to international companies’ management, including mergers, new implementation or transfers for the Chemical division of the Total group.

With his background in the chemical business, together with his knowledge of the chemicals sectors, their products and their application markets, Dr. Salémis has since been seconded to the European Chemical Industry Council, Cefic, firstly to manage consortia for complex Reach Registration and then Sector Groups such as pinfa, the
Phosphorous, inorganic and nitrogen flame retardants association.

His current position involves identifying, innovating, promoting and directing the Sector Groups’ efforts to improve international fire safety efforts, whilst cooperating on common technical, regulatory and scientific challenges within the EU and globally.

Gianluca Sarti  
**R&D manager, Titanstuc S.p.A. representing PVC Forum Italia’s Compounds for Cables Group**

Dr. Gianluca Sarti is currently R&D manager at Titanstuc S.p.A. in the Republic of San Marino where he gained 20 years of experience in R&D, QMS, EMS, and production of additives for PVC, particularly stabilisers, flame-retardants (FR’s) and smoke suppressants (SS’).

Over the last five years, he has focused his activities on FR’s and SS’ and their impact on the main characteristics of the PVC articles, such as thermal stability, initial color, colour hold, dispersion etc..

He has a degree in Chemistry from Bologna University (ITA) and also represents PVC Forum Italia’s Compounds for Cables Group.

Arjen Sevenster  
**Senior Manager, The European Council of Vinyl Manufacturers**

Arjen Sevenster graduated in 1971 as chemical engineer at the University of Mulhouse in France and completed a PhD in physical chemistry in 1974. After one year of post-graduate research at the University of Lancaster (UK) he joined the Shell Group in 1975.

During his 25 years working for Shell, he held various managerial positions in France, the Netherlands, Hong-Kong and Belgium, dealing with chemical technology and production of various petrochemical products, including lubricating oil additives, solvents, higher olefins, detergents, expandable polystyrene and PVC.

In 2001 he joined the European Council of Vinyl Manufacturers (ECVM) in Brussels. ECVM’s members are six leading European companies producing PVC resin. As a Technical and Environmental Affairs senior manager, he is in charge of issues related to health, safety and environment. This includes active involvement in VinylPlus, the Sustainability Programme of the PVC Industry. One of the key commitments of VinylPlus is to develop the recycling of PVC. Arjen also manages the Building and Construction activities of PlasticsEurope, the association of plastic raw materials manufacturers.

Francesco Tarantino  
**General Manager, Vinyloop Ferrara SpA (Italy)**

After graduating as an industrial engineer in Charleroi (B), Francesco Tarantino initially joined the Solvay Group and, since July 2015, Inovyn - an INEOS company, where he held various positions (Vinyl Chloride Monomer production, H₂O₂ and then sodium perborate with an expatriation in Houston, USA).

He started his career in recycling PVC, in 2002, as a process engineer at Ferrara. He took care to optimise this pilot plant classified Seveso 3, an innovative PVC recycling technology which produces a high-level-purity PVC compound from low-quality waste. Currently he is the general manager of Vinyloop Ferrara S.p.A.

Francesco has been taking part in the activities of industry associations in the plastics industry in general, and the PVC industry in particular, as a member of various bodies, both national and European (PVC Forum Italia, Plastics Recycler Europe, Recovinyl, etc.). He is happy to combine his love for nature and environmental protection and his professional commitment to the development of recycling.
Sustainability programme

VALUE CHAIN PLATFORMS:

PVCMed Alliance
Platform for PVC in healthcare

PVC4Pipes
Platform for PVC in pipe systems

PVC4Cables
Platform for PVC cables

vinyl
Sustainability programme

MEMBERS:

European Council of Vinyl Manufacturers

European Stabiliser Producers Association

European Plastics Converters

European Plasticisers

European PVC Network
Network of national PVC organisations

The European Council of Vinyl Manufacturers represents the leading PVC producers in the EU