7th Annual Conference

18 - 20 November 2013
Atahotel Villa Pamphili - Rome, Italy

Official Programme
GAMA ALWAYS INNOVATING!

Evolution G-50H Unit
with Monobloc Pumps Anti-Leak System*

GAMA LOGGER
USB Data Acquisition System
First in the industry!

*International Patent pending

GAMA SPRAY EQUIPMENT

Air Driven
EASY SPRAY

Air Driven
G125A/G200A

Hydraulic
G30H

Hydraulic
G50H

Hydraulic VR
Auto Variable Ratio

Air Purge
MASTER III - New!

Air Purge
MASTER II

Air Purge
MASTER I

Mechanical Purge
GDI

Solvent Purge
SOLVENT FLUSH
Welcome to the 7th Annual PDA Europe Annual Conference!

18–20 November 2013, Rome, Italy

We are delighted to welcome you in Rome for the 7th Polyurea Development Association Europe Annual Conference. Once again the Conference will be a unique forum in Europe where all the stakeholders of polyurea can meet and share best practices.

The Programme Committee and the Board have organized a dynamic programme which we hope meets your expectations.

The conference will kick-off with comprehensive courses, developed by our PDA Europe Training Committee, regarding the understanding of polyurea and surface preparation, supplemented with practical demos.

A special highlight this year is the simultaneous translation from English to Italian and vice versa. This engagement from PDA Europe enables everyone to comprehend and discuss international and local practices.

Next to the presentations this conference aims to give attendees several opportunities to network. The event is structured to include plenty of time to build long-standing relationships in a focused, yet relaxed environment whether over coffee, an evening drinks reception or an informal conference dinner.

We are excited about the 7th PDA Europe Annual Conference and we look forward to a successful event!

Pieter De Swerts
Chairman Programme Committee
Monday, 18 November 2013

<table>
<thead>
<tr>
<th>COURSE REGISTRANTS</th>
<th>PDA EUROPE MEMBERS</th>
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<tr>
<td>Room: Farnese</td>
<td>Room: Piccolomini + Della Rovere</td>
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<tr>
<th>Time</th>
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<tr>
<td>08:30 - 12:30 incl coffee break (15 min)</td>
<td>Education Course (1) - Introduction to Polyurea for the Applicator and Contractor</td>
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<tr>
<td>12:30 - 14:00</td>
<td>Lunch Break &amp; Spray demo (Terrace)</td>
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<tr>
<td>14:00 - 16:00</td>
<td>Surface Prep Course (2) - Part I</td>
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<tr>
<td>16:00 - 16:15</td>
<td>Coffee Break</td>
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<td>16:15 - 18:00</td>
<td>Surface Prep Course - Part II</td>
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<tr>
<td>19:30 - 20:30</td>
<td>Welcome Cocktail Reception sponsored by Graco</td>
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<td>10:00 - 12:30 incl coffee break (15 min)</td>
<td>Board Meeting</td>
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(1) Introduction to Polyurea for the Applicator and Contractor
One of our most popular courses designed specifically with the applicator and contractor in mind, this session expands on topics of physical properties of polyurea, application procedures and techniques, and advances in and types of equipment.

**Trainer:** Stefan Priemen, Huntsman Europe

(2) Surface Preparation Course
The correct application of Polyurea starts with the right preparation of the surface. Many procedures and details exist for the removal of particles and materials disturbing the formation of an even film with strong adherence to the substrate. Many practical tips and tricks will be given and supported by hands-on demonstrations.

**Trainer:** Cees Moorman, BASF Polyurethanes Benelux
**Tuesday, 19 November 2013**

Conference room: Salone dei Papi

<table>
<thead>
<tr>
<th>Time</th>
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<tr>
<td>08:45 - 09:00</td>
<td>Welcome to the Seventh PDA Europe Annual Conference</td>
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</table>
| 09:00 - 09:30 | The Advantages with Polyurea  
DAVID BROWN, Elmico                                     |
| 09:30 - 10:00 | Claim Analysis (Educational Presentation)  
DIRK UEBELHOER, Sika Services                          |
| 10:00 - 10:30 | Coffee Break sponsored by Exhibition (Pignatelli room)                                       |
| 10:30 - 11:00 | Polyspartic Coatings Technology - Developments 2012-2013  
KARL H. WUEHRER, Bayer MaterialScience                 |
| 11:00 - 11:30 | New Pigmentation, for Aliphatic or Aromatic Polyurea, with Innovative Mineral and Natural Fillers, with Very Low Density and Very High Insulation Properties.  
FLAVIO VISIOLI, Procoat                                |
| 11:30 - 12:00 | Refurbishment of a Roof Car Parking in a 60 Years Old Multistory Building in Rome  
GIANNI FARINA, Zetiä                               |
| 12:00 - 13:30 | Lunch break sponsored by Exhibition (Pignatelli room) & Spray demo (Terrace)                  |
| 13:30 - 14:00 | Coating Concrete Basins with Polyurea in Wastewater Treatment Plant for Oslo Region  
HILDE RANNEM ISAKSEN, Norconsult AS  
ØYSTEIN MOURSUND, Vestfjorden Avløpsselskap, VEAS WWTP |
| 14:00 - 14:30 | Samples of the Use of Polyurea in Italy Today  
TEODORO DU MARTEAU, NTE                              |
| 14:30 - 15:00 | Coffee Break + Exhibition (Pignatelli room)                                                   |
| 15:00 - 15:30 | Primer Technology Improves the Performance of Spray Applied Polyurea Coatings  
ANIL LAURENT, Huntsman Polyurethanes                   |
| 15:30 - 17:00 | Annual General Meeting  
- Committee activities presentation  
- Financials - YTD  
- New Board 2014 - President + Hand-Over Presidency 2014                                           |
| 18:00 - 23:00 | Sightseeing Bus Tour & Dinner Reception                                                      |

* The presentations indicated in red will be given in Italian. Simultaneous translation (English-Italian or Italian-English) will be available for each presentation.
Tuesday, 19 November 2013

Dinner Reception

We will do a sightseeing bus tour “by night” around some of the most beautiful historical attractions of Rome. We will stop to allow you to take pictures at the best attractions in Rome: Coliseum, Roman Forum, Vatican and St. Peter’s Basilica. We will stop near the Trevi’s Foutain and walk up to the Quattro Colonne Restaurant for a nice dinner reception.

Meeting point: all participants are requested to meet in the lobby of the hotel at 17:40. Any changes will be posted at the registration desk.

Departure: departure by bus from the lobby of the Villa Pamphili Hotel at 18:00 sharp!

Dress code: business casual

Programme:

18:00  Departure Hotel Villa Pamphili.
       Sightseeing bus tour with stops to take pictures at the Coliseum, Roman Forum, Vatican and St. Peter Basilica.

19:45  Stop near Trevi’s fountain (Traforo bus stop)

20:00  Walk up to restaurant (15 minutes walking distance)

20:15  Dinner at “Quattro Colonne Restaurant”

22:40  Bus back to the Hotel (Zanardelli bus stop)
**Wednesday, 20 November 2013**

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<td>Handbook for the Application of Polyurea&lt;br&gt;PASQUALE MAISTO, BTA</td>
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<td>10:00 - 10:30</td>
<td>Polyurea and Infrastructures&lt;br&gt;DINO VASQUEZ, Mapei</td>
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<tr>
<td>10:30 - 11:00</td>
<td>Safe Polyurea Spraying&lt;br&gt;ERIK VANGRONSVELD, Huntsman</td>
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<td>Increased Intrinsic Flame Retardant Performance of Spray Applied Polyurea Coatings (Update)&lt;br&gt;ANIL LAURENT, Huntsman Polyurethanes</td>
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<td>Electric Dissipative Polyurea Surfaces for New Fields of Application&lt;br&gt;ANDREAS EICHFELDER, BASF SE</td>
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<td>Polyurea Application with the Outstanding Robot Technology RS 12 Crossbeam Spray Robot&lt;br&gt;DI BERND KAUFMANN, ACT Advanced Coating Technologies</td>
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<tr>
<td>15:00 - 15:30</td>
<td>Thanking Note from New President</td>
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<td>Board Wrap-up Meeting</td>
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**Spray Demo**

During the conference you will be able to attend a spray demonstration on the use of Polyurea. The demonstrations will take place each day during lunchtime on the outside terrace on the ground floor in front of the Pignatelli room. In order to guarantee a smooth organization of the demos, we have organized several groups of participants each day:

- **Monday 18/11 (12:30 - 14:00):** Group nr. 1
- **Tuesday 19/11 (12:00 - 13:30):** Group nr. 2
  - Group nr. 3
  - Group nr. 4
- **Wednesday 20/11 (12:30 - 14:00):** Group nr. 5
  - Group nr. 6
  - Group nr. 7

*Please check your group number at the registration desk!*
The Advantages with Polyurea
David Brown  Elmico
Tuesday, 19 November, 09:00 - 09:30

David Brown is from Scotland and now stays in Norway. He has a bachelor degree in construction engineering. He has been working with chemical grouting and membranes for many years.

The many advantages with the use of Polyurea instead of traditional bitumen based membranes on bridges and underpasses especially with tight deadlines.

Claim Analysis (Educational Presentation)
Dirk Uebelhoer  Sika Services
Tuesday, 19 November, 9:30 — 10:00

Dirk Uebelhoer is a chemical engineer with over 20 years of experience in the construction chemicals and corrosion protection market. He is a coatings and linings specialist in the field of liquid applied products. Working for international companies like Hoechst Chemicals, Herberts Coatings and DuPont Protective coatings and now Sika Services AG he is travelling worldwide and knows well the applied standards and used technologies.

During a tank lining job with Polyurea on concrete large areas with delamination where detected. According to the job-site documents all application parameters have been monitored and written down by the applicator. Nothing critical could be detected. The project owner asked for an investigation of the job site to determine the reason for the failure to prevent from further damages in the next upcoming 2 tanks. This presentation gives an overview about possible investigation methods and the results found. The picture was clear after investigation and the job has been finished in a proper way.

Polyaspartic Coatings Technology - Developments 2012-2013
Karl H. Wuehrer  BAYER MATERIALSCIENCE
Tuesday, 19 November, 10:30 - 11:00

After joining Bayer in 1987 he worked in the development/marketing group of corrosion protection and solvent-free polyurethane coatings. In 1998 Karl Wuehrer moved to Barcelona/Spain to lead the technical service group construction materials for Iberia. After a second international assignment in Pittsburgh/USA as a business development manager for concrete protection, 2002-2005, Karl moved back to Germany heading actually the application development group construction coatings. Karl has been involved in PDA Europe since its creation and served as the association’s president in 2009/2010. Karl is married and has one son.

Polyaspartic Coatings are well introduced in the coating world. Started as a reactive diluent for high solid automotive repair paints it is now a State-of-the-Art-technology. Polyaspartic resins are used as gel coat resins
New Pigmentation for Aliphatic or Aromatic Polyurea, with Innovative Mineral and Natural Fillers, with Very Low Density and Very High Insulation Properties

**Flavio Visioli** Procoat

**Tuesday, 19 November, 11:00 - 11:30**

- More than 50 Years of activity in R&D Paint Manufacturers
- Responsible of Tech & Big Customers DPT (Eni Group Snam Progetti, Foster Wheeler, Tecnip, etc.)
- 1961 - 1966, Pozzi Vernici
- 1966-1990, General Manager Vernital: heavy duty maintenance and R&D and Paints suppliers in Refineries, Central Power, Steel plant, Pertrolchemical Plants in Italy, Middle East, (Iraq, Iran, Bahrain, Emirates Qatar, South Yemen, North Africa (Algeria, Libya) Central Africa (Tanzania, Somalia, Nigeria, etc.)
- Marine. Italian Marine Navy Monti Oil-Tankers Fleet Tirrenia Fleet, and FS Ferries
- Cooperation for 15 years with Sigma Coatings in Heavy Duty Maintenance and Marine
- 1990-2011: Sestriere Vernici, Technical Director & Deputy member of the boards of Directors
- From 2011, Chemist General Consultant
- In April of 2013 I successfully finished an 7th Program of European Research on New Innovative mineral Fillers with very high insulation power and environment sustainable
- President of Technical & Scientific Committee Procoat
- Member Scientific Committee of Smart & Functional Coatings, European Conference Torino
- Member of Technical Committee AVISA Federchimica Milano
- Member of the Committee of Ministry of Environment for CAM definitions (minimum criteria sustainable for environment in conformity to UE - GGP)
- Professor in “Master in Coating Engineering” Politecnico di Torino

My last European Research on new innovative coatings closed on 23th April 2013. The studies and tests lasted for four years and received the compliments of the Inspectors EU. On 3rd June I requested a new patent: N° TO 2013000451 ENERGY SAVINGS & WARMING COATINGS (or heat thermo generative)

These new fillers have a very low conductivity ^ 0,6-0,7 mW/mK and low density, similar to the insulation power of Polystyrene.

The polyurea systems have many others qualities, but we hope that it will be possible to give them a good insulating power as a first step and at a later stage to generate heat.

My interest on polyurea systems is to find new applications. The very fast drying, application time and resistances are very interesting but are not exclusive.

The introduction of the fillers that we have checked could solve not only water proofing issues but also heat and cool insulation. All the raw material used is sustainable, in conformity to EU GGP. The application possibilities would be of large expansions and developments, not only in architectural field but also in industrial and protective coatings, where it is necessary to protect and many times to insulate.
Refurbishment of a Roof Car Parking in a 60 Years Old Multistory Building in Rome

Gianni Farina Zetagi

Tuesday, 19 November, 11:30—12:00

Gianni Farina - born on 19.11.1946
- Graduated in Chemical Engineering in 1970
- Working in the field of protective coatings since 1984, serving with IMPERITALIA, VENEZIANI, VENEZIANI SINITALIA and now ZETAGI
- Convenor of the Italian UNICHIM committee for anticorrosion protection, and Italian delegate to the corresponding ISO PANEL
- Chairman from 1996 to 2009 of the FEDERCHIMICA industrial protection committee
- Member of PDA Board since 2010

A case history: the new waterproofing and protection treatment of the last external floor of a multistory car park in the center of Rome, carried on in 2012. The structure was erected about 60 years back, and was showing many problems.

The speech, supported by photos, covers all the different stages of the work, from surface preparation, reconstruction with premixed cementious mortars, primerization, application of pure polyurea, polyurethane topcoat.

Coating Concrete Basins with Polyurea in Wastewater Treatment Plant for Oslo Region

Hilde Rannem Isaksen Norconsult AS

Øystein Moursund Vestfjorden Avløpsselskap, VEAS WWTP

Hilde Rannem Isaksen is working in a Norwegian consulting company, Norconsult. Her special field is the rehabilitation of concrete structures. In the last two years her main projects have been design, following up the contractor and the repair work of the wastewater treatment tanks.

Øystein Moursund is Senior Adviser in the wastewater treatment plant, VEAS, for the region of Oslo. He is working with strategy and development of the plant, security and emergency preparedness and in internal projects at VEAS.

The wastewater treatment plant, VEAS, is serving a large part of the Oslo area and two neighboring communities, and was put in operation in 1982. The plant has 24 nitrification basins and 24 denitrification basins. The concrete basins have lost a lot of their concrete cover and need to be repaired.

VEAS has recently completed a pilot project with four denitrification basins to find the best way to repair all the basins. To protect the concrete against the aggressive wastewater, the walls in the basins are coated with polyurea.

The presentation will explain why we chose polyurea and what we experienced during the coating time. We have experienced that the proper concrete surface is beneficial to the result of polyurea application.
Samples of the Use of Polyurea in Italy Today
Teodoro du Marteau NTE
Tuesday, 19 November, 14:00 - 14:30

Chemical Engineer since 1976 in the field of epoxy and polyurethane resins. Teodoro Du Marteau has worked with the most important Italian companies: Sinitalia, MPM, Veneziani.
In 1996, he began to formulate systems based on hybrid polyurea.
Since 2002, Italy has developed into the polyurethane rings forms we know today, making the most important work done in polyurea.

Description of fields of application, application cycles recommended in different series.
Criteria for choosing Primer.

Primer Technology improves the Performance of Spray Applied Polyurea Coatings
Anil Laurent Huntsman Polyurethanes
Tuesday 19 November, 15:00—15:30

Anil Laurent is a chemical engineer, and obtained a master degree in engineering management in 2005. He has been a consultant in applied corrosion and protective coating since 2000 working for different industries in Europe. He was a junior associate at a Belgium university for corrosion research and has co-authored specialty books, where his input was corrosion prevention and mitigation using preventive coatings. He has joined Huntsman Polyurethanes in the second quarter of 2012 as Technical Manager Coatings where he is responsible for the technical aspects of coatings in EMEA & ISC.

Key for successful application of spray polyurea is the surface pre-treatment. Conventional use of polyurea for concrete protection typically requires extensive mechanical cleaning of the floor, followed by priming. This presentation addresses the primer technology that has been developed for use with spray applied polyurea. Key was to have a primer that has excellent hydrophobic properties, low viscosity and perfect intercoat adhesion with polyurea.

Handbook for the Application of Polyurea
Pasquale Maisto BTA
Wednesday 20 November, 09:30 - 10:00

Engineer graduated from the University “Federico II” of Napoli in “Ingegneria edile” (Construction engineering).

After a previous experience in a company which manufactures industrial flooring, I started to be interested in the area of resinous coatings.

Since 2004 I have been partner and then administrator of BTA srl, one of the first Italian company to apply polyurea.

Inside the Italian Committee of the PDA Europe, increasingly arose the need to qualify the field of polyurea providing those new to this technology the basic tools to perform a good job. For this reason, it has been decided to write a “Handbook for the application of polyurea.” This manual briefly starting from polyurea chemistry, focuses on the application cycles emphasizing some aspects such as:
• Application supports and the related surface treatment;
• Application cycles;
• The application of polyurea;
• The insurance coverage.
Safe Polyurea Spraying
Erik Vangronsveld HUNTSMAN
Tuesday, 20 November, 10:30 - 11:00

Erik Vangronsveld, Industrial Hygienist, Analytical Chemist, Huntsman. Erik Vangronsveld is a Senior Industrial Hygienist with Huntsman in Everberg, Belgium. In his current role he is the Industrial Hygienist consultant for the Huntsman Polyurethanes business.

Erik earned his Industrial Hygiene degree from the Avans University of Applied Sciences at Breda, The Netherlands.

Erik's expertise is in the field of industrial hygiene air sampling and analysis of isocyanates and he has been involved in investigating polyurethane (PU) industry workplaces for over 20 years.

Erik is currently the Chair of the Global Analytical Advisory Group of the International Isocyanate Institute (III) and in this role a member of the III Scientific Committee. The III evaluates, reviews and contracts scientific research, including industrial hygiene sampling and analytical, on TDI and MDI to support the scientific strategy of the Institute with respect to improving the understanding of workplace health, safety and environmental (EHS) conditions where TDI and MDI are used. Part of this research includes investigating the accuracy, reliability and applicability of existing or new isocyanate sampling and analytical techniques or develop those in support of the safe manufacture, distribution and downstream use of MDI and TDI.

Erik is a working member of the European Diisocyanate & Polyol producers Association (ISOPA), which engages on PU EHS issues in Europe and develops and disseminates information regarding the safe handling of TDI and MDI and has/is heavily involved in exposure risk assessment within the REACH regulatory framework and in development of product stewardship programmes.

He is also the Belgian representative in ISO Committees on Workplace Atmosphere/Organic Vapours Measurements [ISO TC 146/SC2/WG4] and Workplace Atmospheres/Dermal Exposure Measurement [ISO TC 146/SC2/WG8].

Key for successful application of spray polyurea is the surface pre-treatment. Conventional use of polyurea for concrete protection typically requires extensive mechanical cleaning of the floor, followed by priming.

This presentation addresses the primer technology that has been developed for use with spray applied polyurea. Key was to have a primer that has excellent hydrophobic properties, low viscosity and perfect intercoat adhesion with polyurea.
EU Construction Products Regulations - over - Regulation or Chance for Polyurea?

Jürgen Magner  
Kiwa Polymer Institut

Wednesday, 20 November, 11:30 - 12:00

Jürgen Magner, after studies of chemistry since 1982 working in the construction chemicals field, former as head of application department, manager for marketing and export for any kind of reaction resins, since 1991 co-owner of Polymer Institut, since 2008 managing director of Kiwa Polymer Institut.

The speech points out on the new regulations for construction products in Europe since the 1st of July 2013 which are essential for any kind of construction product. The presentation tries to show the possibilities for the material suppliers to introduce polyureas in the market with a CE logo.

Increased Intrinsic Flame Retardant Performance of Spray Applied Polyurea Coatings (Update)

Anil Laurent  
Huntsman Polyurethanes

Wednesday 20 November, 12:00 - 12:30

Anil Laurent is a chemical engineer, and obtained a master degree in engineering management in 2005. He has been a consultant in applied corrosion and protective coating since 2000 working for different industries in Europe. He was a junior associate at a Belgium university for corrosion research and has co-authored specialty books, where his input was corrosion prevention and mitigation using preventive coatings. He has joined Huntsman Polyurethanes in the second quarter of 2012 as Technical Manager Coatings where he is responsible for the technical aspects of coatings in EMEA & ISC.

For today’s application of spray polyurea, the market is increasingly demanding that the final applied coatings pass a certain level of flame retardant performance. Huntsman Polyurethanes’ Coatings TS Team has developed a new SUPRASEC® MDI grade. When suitably formulated with a corresponding amine blend B-side, it provides an enhanced level of flame retardant performance compared to conventional MDI based prepolymers.

Our technology has been developed through analysis of different flame retardants. The new prepolymer incorporates a certain level of flame retardant capability. It can be used by our customers as such and if needed the level of flame retardant capability can be increased. The new prepolymer meets the requirement of the 1:1 ratio of standard polyurea spray equipment, which was a key criterion for the development.

Our presentation will address the research and product selection criteria for this new product development.
Electric Dissipative Polyurea Surfaces for new Fields of Application

Andreas Eichfelder  BASF SE

Wednesday, 20 November, 14:00 - 14:30

Andreas Eichfelder works for BASF for more than 25 years.

During his career he came almost through the cycle of paint and coatings chemistries, technologies and applications.

With a special interest in binders and additives Andreas joined New Business Development three years ago.

His major focus is on the Basionics™ conductivity promoters for different applications.

In most cases, polymers are isolative material. Electrostatic fields may strongly damage micro electronic devices and potential sparking through discharge reduces safety in chemical plants, oil and gas stations and in areas of possible dust combustion.

The presenters evaluate the effect of conductivity additives in a variety of polyurea formulations. Permanence and weather fastness are as important as mechanical and handling properties.

Polyurea Application with the Outstanding Robot Technology RS 12 Crossbeam Spray Robot

Bernd Kaufmann  ACT Advanced Coating Technologies

Wednesday, 20 November, 14:30 - 15:00

Dr Bernd Kaufmann studied landscape architecture and closed it with an university degree.

He is working in the field of polyurea and application engineering for 12 years now.

He was significantly involved in the development of the RS 12 Crossbeam Spray Robot and also acts as an instructor in polyurea technology.

He is self-employed and owner of company Advanced Coating Technology.

The brand new RS 12 Crossbeam Spray Robot is the new dimension in the polyurea application. Outstanding and unbeatable spray results in consumption, exact thickness application in one pass, as well daily output possibilities of near 2.000 m2/2mm thickness are one of the features of the RS 12.
Bayer MaterialScience is a renowned supplier of high-tech materials and innovative system solutions. Products with leading positions on the world market account for a major share of sales, in particular polyurethanes and their precursors. Principal customers are the automotive and construction industries, the electrical/electronics sector and manufacturers of sports and leisure articles, packaging and medical equipment.

**Contact**

Bayer MaterialScience (BMS)
Karl H. Wuehrer
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Fax: +49 214 30 36498
Karl.wuehrer@bayer.com
www.bayermaterialscience.com
**GAMA**

GAMA manufactures and distributes equipment and accessories for the Urethane Industry. GAMA has a team of engineers and technicians with more than 20 years of experience in the Design and Manufacturing of PU High Performance Spray/Pour Machines. A solid project addressed to people and companies that require exclusiveness, functionality, quality, and reliable service, but not losing flexibility and adaptation capability to the constant market changes. GAMA Products Line: High Tech Spray & Pour Equipment for Polyurethane Foam and Polyurea applications.

**GAMA - Garraf Maquinaria S.A.**

Noelia Alibau
Camí Pla 31; P.I. Mas Alba
08870 Sitges (Barcelona)
Spain
Tel: +34 93 811 4000
nalibau@gamapur.com
www.gamapur.com

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**Graco**

Founded in 1926, Graco is a world leader in fluid handling systems and components. GRACO products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, construction/renovation and industrial/automotive settings. GRACO’s ongoing investment in fluid management and control continues to provide innovative solutions to a diverse global market. GRACO’s European Headquarters are based in Maasmechelen, Eastern Belgium. Main activities include assembly, distribution, customer service, technical assistance, sales and marketing. GRACO employs about 160 people in Europe. We work with many distributors and service partners throughout Europe to guarantee customer satisfaction.

**Graco - Pieter De Swerts**

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B- 3630 Maasmechelen
Belgium
Tel: +32 89 770 700
pieter.deswerts@graco.com
www.graco.com

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**Huntsman Performance Products**

Huntsman Performance Products offers one of the broadest range of JEFFAMINE® polyethersamines and JEFFLINK® chain extenders. These are key ingredients in a polyurea system to create new formulation options to tailor-made the systems according to the most specific coating needs.

**Huntsman Performance Products - Katty Darragas**

Everslaan 45, 3078 Everberg
Belgium
Tel.: +32 (0) 2 758 9392
katty_darragas@huntsman.com
http://www.huntsman.com/performance_products
**Company**

KRYPTON CHEMICAL started its activities in 1999 with a clear objective: to introduce the most advanced polymer chemistries to the waterproofing, flooring and industrial maintenance markets. The company designs and formulates all of its products and systems through approved installers and with the final customer and specific project in mind. Polyureas, Polyurethanes, Epoxy and Polyaspartic coatings and resins from Krypton Chemical are certified by the most recognised labs and hold European Technical Approval (ETA), CE marking or project specific testing. Besides formulation, production and certification, the company trains and supports its installers all the way to the job sites, through its TECHNICAL SUPPORT TEAM, making sure that chemicals and processing equipment go hand in hand.

KRYPTON CHEMICAL ITALIA was born after many years of presence in the Italian market, to provide a closer support to customers and to supply products in very short notice, at competitive costs.

**Contact**

KRYPTON CHEMICAL, S.L.
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Tel.: +34 977 822 245
info@kryptonchemical.com
www.kryptonchemical.com

KRYPTON CHEMICAL ITALIA, Srl
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**Company**

Founded in Milan in 1937, Mapei is today the world leader in the production of adhesives and complementary products for the installation of all types of floor and wall coverings. The company is also specialized in other chemical products for building: from waterproofers to special mortars, from admixtures for concrete to products for the restoration of ancient buildings.

Mapei Group's production may be summarized as follows: total sales are 2.1 billion euros and the total number of Mapei Group employees is 7500.

Mapei has built its strategy along three principal guidelines:

* SPECIALIZATION in technologically advanced products
* RESEARCH AND DEVELOPMENT: every year Mapei invests 5% of its annual turnover and employs 12% of its workforce in research.
* INTERNATIONALIZATION: since the 1960’s the strategy is always the same: maximum proximity to the needs of local markets and reduction of logistic costs to a minimum.

The Group now counts 68 subsidiaries with 63 plants in 31 countries in the five continents. Furthermore, Mapei has developed a sales and technical service network with offices all over the world. Mapei offers an efficient Technical Assistance Service that is much appreciated by architects, engineers, contractors and owners, with experts available for on-site consultation.

**Contact**

MAPEI SpA
Via Carlo Cafiero 22
I - 20158 Milano, Italy
mapei@mapei.it
www.mapei.com
**Company**

VIP is a leading research and development company specialising in advanced new coating technologies for the protection of concrete, steel, timber, fibreglass, and any other substrates against corrosion, abrasion, impact and chemical attack. VIP’s R&D department is constantly advancing the company’s products and technologies earning VIP recognition as an industry leader. VIP is proud to introduce you the exciting, latest technology coatings and joint filling products. The uniqueness of aromatic, aliphatic and polyaspartic Polyurea is to date unequalled and strikes conventional systems. The overwhelming resonance on already successfully completed large-scale projects world-wide exceeded all expectations by far.

**Contact**

VIP Voelkel Industrie Produkte GmbH  
Andreas Reisenzahn  
International Sales & Marketing Manager  
Lohenstrasse 11  
D - 82166 Gräfelfing (Munich)  
Phone +49 (0)89 95 58 09 - 22  
Fax +49 (0)89 95 58 09 - 99  
ar@vip-gmbh.com  
www.polyurea-solutions.com

**Company**

Founded by Wilhelm Wagner in 1950 in Lahnau, Germany, WIWA Wilhelm Wagner GmbH & Co. KG is a leader in spray technology including equipment for Polyurethane Foam and Polyurea applications, fluid handling, material extrusion and injection systems. WIWA products are engineered and manufactured in Germany by our 120 highly skilled employees and distributed by WIWA affiliated distribution centers in the US, Middle East and China. Together with its worldwide distributors, WIWA delivers best-in-class solutions to fit each customers requirements.

**Contact**

WIWA Wilhelm Wagner GmbH & Co.KG  
Gewerbestrasse 1-3  
35633 Lahnau  
Phone: +49-6441-609-0  
info@wiwa.de  
www.wiwa.de
Conference Registration

**Opening hours:**

- Monday 18 November: **8:00 - 19:00**
- Tuesday 19 November: **08:00 - 17:00**
- Wednesday 20 November: **09:00 - 17:00**

Exhibition

The exhibition area is located on the ground floor in the Pignatelli room.

**Exhibition times:**

- Tuesday 19 November: 10:00 - 10:30; 12:00 - 13:30; 14:30 - 15:00
- Wednesday 20 November: 11:00 - 11:30; 12:30 - 14:00

Spray demonstration

The spray demo will take place on the outside terrace on the ground floor in front of the Pignatelli room. Please check your group number at the registration desk!

- Monday 18 November: 12:30 - 14:00
- Tuesday 19 November: 12:00 - 13:30
- Wednesday 20 November: 12:30 - 14:00

General Assembly

The PDA Europe General Assembly will provide its members with an overview of the committees’ achievements over the past year as well as their objectives for 2014 and a financial update.

It is also an opportunity to discuss and give your opinion and ultimately to vote.

This year your vote will be needed to approve the 2014 budget and the Board composition.

As every year, part of the Board will be renewed and this year 5 board positions are available for the term November 2014 to November 2016.

This meeting is for the PDA Europe members only.

Conference language

The official language of the PDA Europe 2013 Annual Conference is English.

This year, simultaneous translation (English-Italian or Italian-English) will be available for each presentation.

**ATAHOTEL VILLA PAMPHILI**

Via della Nocetta 105
00164 Roma, Italy
Tel: +39 06 6602706

Emergency Number

European emergency number: 112
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<th>First name</th>
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1. Activities of trade associations must comply with the relevant competition/antitrust rules. The same basic principles that govern anti-competitive arrangements also apply when trade associations are used to co-ordinate commercial activities.

2. Violations of competition laws carry serious consequences. For example, the starting level for a cartel fine in the European Union (EU) is €20 million per company. This figure can be adjusted depending on the circumstances (up to a maximum of 10% of the annual turnover of the entire group to which that company belongs). Under EU law, it is also expressly provided that trade associations themselves can be made subject to a fine up to 10% of their turnover.

3. Competition/antitrust authorities in the U.S., the EU and elsewhere are focusing increasingly on the activities of trade associations. The suspicion is that such associations are a cover for cartel-like behaviour (e.g., price-fixing, collective discrimination, etc.).

4. International cooperation among antitrust enforcement authorities is also evident. It is no longer uncommon for governments - particularly the U.S., the EU, Canada and Japan - to coordinate simultaneous searches, service of subpoenas, and ‘drop-in’ interviews (‘dawn raids’) to avoid premature disclosure of an investigation and the possible destruction of evidence.

5. As with U.S. antitrust law, it is not necessary for arrangements violating EU competition rules to occur in the territory of the EU.

6. Equally important, competition concerns will also arise where there is no actual effect on competition in the market concerned. The authorities will intervene where they perceive there to be a potential effect, even where that effect is not intended.

7. In general, it should be borne in mind that competition/antitrust rules prohibit arrangements between competitors, which are intended (or have the effect) to achieve aims such as the following:
   - price-fixing: almost any activity, which would allow its members to co-ordinate their pricing policies;
   - market-sharing or customer allocation: activities aimed at dividing the given market concerned into distinct territorial markets or allocating customer groups;
   - collective boycotts: a requirement to deal only with other members or to boycott other firms;
   - information-exchange arrangements: in general, all exchanges of business information (such as pricing policies, costs or sales figures) between competitors, which would allow them to co-ordinate their commercial strategies.

8. In addition, certain types of activity particular to trade associations are subject of specific consideration including:
   - the setting of membership criteria of a trade association,
   - research and development carried out or co-ordinated by a trade association,
   - joint publicity and promotion of the generic products by a trade association,
   - product standardisation, certification and quality measures administered through trade associations.

9. This brief note and the “Dos” and “Don’ts” are intended to give general guidance only with regard to competition/antitrust laws. Before taking action, particularly regarding any assessment of risk, companies are advised to request specific advice from the relevant legal counsel.
DO UNDERSTAND the purposes and authority of each PDA Europe group or activity in which you participate.

DO INSIST that written agenda are prepared for all PDA Europe meetings, are circulated in advance and are adhered to during the meetings.

DO APPOINT someone in attendance to take notes and prepare minutes at every PDA Europe meeting.

DO OBJECT at any time when meeting minutes do not accurately reflect the matters, which transpired at the meeting.

DO CONSULT with PDA Europe counsel and your company counsel on all antitrust/competition questions relating to PDA Europe meetings and activities.

DO PROTEST against any discussions or meeting activities which appear to violate antitrust/competition laws.

DO LEAVE any meeting at which you feel that matters discussed continue to raise competition concerns and request that your leaving be recorded in the minutes.

DO ADVISE PDA Europe counsel of any activities in or surrounding PDA Europe meetings that might violate antitrust/competition laws.

DO COMPETE vigorously and independently at all times.

DO NOT, in either fact or appearance, discuss or exchange comments or other information regarding:

- individual company prices, price changes, price differentials, mark-ups, discounts, allowances, credit terms, or related financial issues, data that bear on price (e.g., costs, production, capacity, inventories, sales), market shares etc;

- industry pricing policies, price levels, price changes, differentials, and the like;

- changes in industry production, capacity or inventories;

- bids on contracts for particular products and procedures for responding to bid invitations;

- plans of individual companies concerning the design, production, distribution or marketing of particular products, including proposed territories or customers;

- Matters relating to potential individual suppliers that might give the effect either of excluding them from any market or of influencing the business conduct of firms toward such suppliers or customers.

DO NOT, even in jest, discuss or exchange information regarding the above matters during social gatherings incidental to PDA Europe-sponsored meetings.

DO NOT exchange commercially sensitive information.

DO NOT engage in any conduct, which could be construed as designed to exclude competitors from the market or to create a barrier to entry onto the market.

DO NOT meet without PDA Europe counsel present or without the prior approval of PDA Europe counsel.
The Polyurea Development Association Europe (PDA Europe) is the official trade association for the European Polyurea Industry. Registered as an official, international not-for-profit association under Belgian law in June 2007, PDA Europe promotes the highest possible standards for polyurea.

Leading experts from across Europe’s chemical industry make up the membership base of PDA Europe providing expert advice on product quality.

The association also offers best practice information on areas of environmental consideration and safety and provides an established networking forum for key industry players to discuss the future of the polyurea market.

PDA Europe commits itself:

- to pursue the interests of the European polyurea industry;
- to promote the exchange of ideas for the development of the highest standards and operating efficiency within the European polyurea industry;
- to develop methods for improving the conditions and advancing the best interests of the European polyurea industry;
- to create lasting good will between the members and those who manufacture, specify, apply, and purchase polyurea materials and services all around Europe;
- to support and promote equal opportunity for all people within the industry, regardless of race, color, religion, sex or national origin.

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10 reasons to join PDA Europe!

1. Benefit from key information and business developments affecting the polyurea industry on European and international level.

2. Shape the future of the polyurea industry in Europe.

3. Jointly pursue and promote the interests of the industry in front of relevant European organisations and institutions.

4. Be part of the development and sharing of best practices.

5. Benefit from “members only” discounts on technical information, training courses and the annual conference.

6. Increase your company’s visibility by participating, speaking and exhibiting at the annual conferences.

7. Actively contribute to the PDA Europe committees meetings.

8. Increase market perception and acceptance of the polyurea technology.


10. Have a global perspective on the polyurea industry through continuous links with the United States (PDA) and other regions of the world.

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