



INSTITUTE FOR ENGINEERING OF POLYMER MATERIALS AND DYES
PAINT & PLASTICS DEPARTMENT IN GLIWICE, POLAND

invites for the 12th International Scientific-Technical Conference

ADVANCES IN PLASTICS TECHNOLOGY



- ◆ **DATE:** 14 – 16 November 2017
- ◆ **VENUE:** EXPO SILESIA Exhibition Centre
41-219 Sosnowiec, ul. Braci Mieroszewskich 124, Poland
The Conference will be held in **Conference Hall No 1** (at the ground-floor)
- ◆ **MAIN TOPICS OF THE CONFERENCE:**
 - Raw Materials and Semiproducts Evolutions for Plastics:**
 - Latest developments in polymer materials: resins, bioplastics, technical polymers
 - Polymer composites
 - Pigments & fillers
 - New generation of additives, agents and modifiers
 - Developments in Processing Technologies**
 - Machines and Equipment**
 - Applications**
 - Testing and Measurements**
 - Relevant Research Projects**
- ◆ **PROGRAMME** (Programme may be subject to change if necessary):

Monday, 13 November 2017

16⁰⁰ - 19⁰⁰ Registration

Tuesday, 14 November 2017, 8⁰⁰ – 18⁰⁰

8⁰⁰ - Registration

9⁰⁰ - **Opening of Conference**

9²⁰ - 11²⁰ **Session I** – Papers: 1, 2, 3, 4, 5

11²⁰ - 11³⁵ Coffee / Tea

11³⁵ - 13⁰⁵ **Session II** – Papers: 6, 7, 8, 9

13⁰⁵ - 14²⁵ Lunch

14²⁵ - 15⁵⁵ **Session III** – Papers: 10, 11, 12, 13

15⁵⁵ - 16²⁰ Coffee / Tea – **POSTER SESSION**

16²⁰ - 18⁰⁰ **Session IV** – Papers: 14, 15, 16, 17

Wednesday, 15 November 2017, 9⁰⁰ – 18⁰⁰

9⁰⁰ - 11⁰⁰ **Session V** – Papers: 18, 19, 20, 21, 22

11⁰⁰ - 11¹⁵ Coffee / Tea

11¹⁵ - 12⁴⁵ **Session VI** – Papers: 23, 24, 25, 26

12⁴⁵ - 14⁰⁵ Lunch

14⁰⁵ - 16⁰⁵ **Session VII** – Papers: 27, 28, 29, 30, 31

16⁰⁵ - 16²⁰ Coffee / Tea

16²⁰ - 18⁰⁰ **Session VIII** – Papers: 32, 33, 34, 35

19⁰⁰

Joint Dinner at “NEMO – Wodny Świat” (1, Aleja Róż,
41-300 Dąbrowa Górnicza) – 10 min walking distance from conf. venue

Thursday, 16 November 2017, 9⁰⁰ – 15⁰⁰

9⁰⁰ - 11¹⁵ **Session IX** – Papers: 36, 37, 38, 39, 40, 41

11¹⁵ - 11³⁰ Coffee / Tea

11³⁰ - 13³⁰ **Session X** – Papers: 42, 43, 44, 45, 46

Close of Conference

13⁴⁵ - 15⁰⁰ Lunch

NOTE: Titles of Papers according to mentioned numbers are presented on the next pages.

Posters will be presented in front of the Conference Hall.

◆ **LIST OF PAPERS** (in presentation order):

MATERIALS FOR PLASTICS:

— **POLYMERS**

- 1 **G. Adamus***, **P. Kurcok***, **I. Radecka****, **M. Kowalczyk*****: *Centre of Polymer and Carbon Materials, Polish Academy of Sciences, Poland; **University of Wolverhampton, Faculty of Science and Engineering, School of Biology, Chemistry and Forensic Science, United Kingdom
Novel Bioactive Oligomers from Natural PHA and their Synthetic Analogues
Nowe bioaktywne oligomery z naturalnych PHA i ich syntetycznych analogów
- 2 **M. Grimm**: TOPAS Advanced Polymers, Germany
Cyclic Olefin Copolymer (COC): An Innovative Transparent Plastic Material
Cykliczny kopolimer olefinowy (COC): innowacyjny, przezroczysty materiał polimerowy
- 3 **K. Joziase**: Total Corbion PLA bv, The Netherlands
Total Corbion PLA: An Innovative Joint Venture Making PLA Innovations a Reality
Total Corbion PLA: innowacyjna Spółka Joint Venture spełniająca innowacyjne oczekiwania dla związków PLA
- 4 **S. Kudła**: Institute of Heavy Organic Synthesis “Blachownia”, Poland
Thermo-mechanical Modification of Ethylene Copolymers Investigated by Rheometric Methods
Termo-mechaniczna modyfikacja kopolimerów etylenowych śledzona metodami reometrycznymi

— **PIGMENTS**

- 5 **D. Barion**: Heubach GmbH, Germany
Old, but not Outdated – A Guide for Inorganic Pigments for Plastics Application
Stare, ale nieprzestarzałe – wskazówki dla pigmentów nieorganicznych stosowanych w tworzywach polimerowych
- 6 **M.M. Ryan Jr.** (presented by **W. Leberzipf**): Shepherd Color International Austria GmbH, Austria
Ultra-High Performance Inorganic Pigments: IR Reflectivity
Pigmenty nieorganiczne odbijające promieniowanie IR o doskonałych parametrach eksploatacyjnych
- 7 **A. Gonchar**, **V. Troshchylo**: RD Titan Group. TOV, Ukraine

Pigmentiox RP-113: Advanced Technology and Turnkey Plant with Minimum Capacity 5000 Tons per Year Using Low Cost Raw-TiO₂ to Produce Premium Titanium Dioxide Grade with Outstanding Dispersion and Processing, High Hiding Power and Lacing Resistance for Plastics Applications

Pigmentiox RP-113: zaawansowana technologia i fabryka pod klucz o minimalnej zdolności produkcyjnej 5000 ton w skali rocznej, przy użyciu taniego surowca TiO₂ w celu produkcji ulepszanego gatunku ditlenku tytanu o doskonałej dyspergowalności i parametrach przetwórstwa, wysokiej sile krycia i odporności na uszkodzenia w zastosowaniach do tworzyw polimerowych

— **FILERS & NANOCOMPOSITES**

- 8 **V. Mayer**: Kärntner Montanindustrie GmbH, Austria
Scratch Resistance, Warpage Reduction and Reinforcement with Functional Minerals
Zwiększona odporność na zarysowania, obniżenie zwichrowań oraz wzmocnienie tworzyw polimerowych przy pomocy mineralnych wypełniaczy funkcjonalnych
- 9 **M. Prochoń**: Lodz University of Technology, Faculty of Chemistry, Institute of Polymer and Dye Technology, Poland
Bimodal Character of Unconventional Elastomeric Fillers
Bimodalny charakter niekonwencjonalnych napelniaczy elastomerów
- 10 **M. Kracalik**: Johannes Kepler University Linz, Institute of Polymer Science, Austria
Advances in Polymer Nanocomposites Technology
Postępy w technologii nanokompozytów polimerowych

— **ADDITIVES & MODIFIERS**

- 11 **D. De Schryver**: Albemarle Europe, Belgium
Albemarle Flame Retardants for a Wide Range of Thermoplastics and Thermosets
Uniepalniacze firmy Albemarle dla szerokiej gamy tworzyw termoplastycznych i termoutwardzalnych
- 12 **B. Naß**: Clariant Plastics & Coating (Deutschland) GmbH, Germany
Flame Retardants for Polyamides and Polyesters – more than V-0
Środki uniepalniające dla poliamidów i poliestrów o wyższej klasie palności niż V-0
- 13 **C. Neumeister**: Nabaltec AG, Germany
Mineral Flame Retardants – Innovative and Sustainable Solutions for Cable and Elastomeric Applications
Mineralne uniepalniacze – innowacyjne i zrównoważone rozwiązania w zastosowaniu do kabli i elastomerów
- 14 **E. Wardzińska***, **B. Szczepaniak***, **R. Grzybek**, **K. Potajczuk-Czajka**: Grupa Azoty Zakłady Azotowe Kędzierzyn SA, Poland; *Industrial Chemistry Research Institute, Poland
New Type of Polyester Plasticizers Based on Biobased Succinic Acid
Nowe rodzaje plastyfikatorów poliestrowych na bazie kwasu bursztynowego pochodzenia odnawialnego
- 15 **S. Carella**: UL Prospector, France
Identification and Specification of Raw Materials for Plastics Industry in the Global Marketplace
Identyfikacja i specyfikacja surowców dla przemysłu tworzyw polimerowych na światowych rynkach

PROCESSING TECHNOLOGIES, MACHINES & EQUIPMENT

- 16 **A. Lewandowski, K. Wilczyński**: Warsaw University of Technology, Poland
FEM Modeling of Polymer Melting in Extrusion Process
 Modelowanie MES uplastyczniania tworzyw polimerowych w procesie wytłaczania
- 17 **P. Olszynski**: Dow Europe GmbH, Switzerland
Dow Packaging's Pack Studios Network – Packaging Innovation for Food Preservation and Load Stability
 Pack Studio DOW – innowacje w branży opakowań – ochrona żywności i stabilność ładunku w transporcie
- 18 **M. Brunkau**: Zeppelin Systems GmbH, Germany
Processing of Innovative Construction Materials on the Basis of Cellulose Fibre Reinforced Bio-based Polyamide – Property and Process Optimisation
 Przetwórstwo innowacyjnych materiałów konstrukcyjnych opartych na włóknach celulozowych wzmocnionych bio-poliamidami – właściwości oraz optymalizacja procesu
- 19 **C. Burgstaller, T. Uttendorfer, S. Heinrich, M. Nessler, W. Stadlbauer***:
 Transfercenter für Kunststofftechnik GmbH, Austria; *Fachhochschule Oberösterreich F&E-GmbH, Austria
Influence of Composition on the Properties of Polyolefin Based Blends
 Wpływ składu kompozycji na właściwości mieszanek poliolefinowych
- 20 **U. Stieler**: Stieler Kunststoff Service GmbH, Germany
Solutions for Injection Molding Improvements by Using Fluid Assisted Technologies
 Korzyści stosowania technologii formowania wtryskowego przy użyciu płynów
- 21 **C. Doerffel, T. Schubert, L. Kroll, W. Nendel, M. Spieler**: Chemnitz University of Technology, Mechanical Engineering, Germany; *KDS GmbH, Germany
Fully Electric Dynamically Tempered Micro-Injection-Molds
 Elektrycznie dynamicznie hartowane mikro-formy do wtrysku
- 22 **D. Küpper, U. Kolshorn**: Trexel GmbH, Germany
Lightweight Design Considerations for Injection Moulding
 Rozważania dotyczące projektowania lekkich konstrukcji dla formowania wtryskowego
- 23 **C. Nistelberger**: Greiner Extrusion Group GmbH, Austria
Efficient and Advanced Technologies for Profile Extrusion
 Wydajne i zaawansowane technologie do wytłaczania profili
- 24 **D. Methe, M. Gehde**: Chemnitz University of Technology, Professorship of Plastics Engineering, Germany
New Ways in Processing and Application of Phenolic Molding Compounds
 Nowe sposoby przetwórstwa i stosowania tłoczyw fenolowych
- 25 **R. Schledjewski**: Montanuniversität Leoben, Christian Doppler Laboratory for Highly Efficient Composites Processing, Austria
Monitoring of FRPC Manufacturing Processes
 Monitorowanie procesu wytwarzania kompozytów polimerowych wzmocnionych włóknem
- 26 **P. Latourre, M. Adamik***: Tarkett, France; *Tarkett Polska Sp. z o.o., Poland
Implementation into Production the Innovative LVT Floor Tiles
 Wdrożenie do produkcji innowacyjnych paneli podłogowych LVT
- 27 **C. P. Pöpel**: KraussMaffei Berstorff GmbH, Germany

Edelweiss Compounding – The Efficient Approach to Produce High-quality Compounds from Plastic Waste

Komandowanie Edelweiss – efektywne podejście do produkcji wysokiej jakości mieszanek z odpadów tworzyw polimerowych

APPLICATIONS & ENVIRONMENTAL ISSUES

- 28 **U. Kolshorn, D. Küpper:** Trexel GmbH, Germany
Effect of Oil Immersion on Microcellular Foamed PA 6 and PA 6.6 with Glass Fibres
Wpływ zanurzenia w oleju na mikrokomórkowe pianki PA 6 i PA 6.6 z włóknem szklanym
- 29 **T. Krystofiak, S. Proszyk, B. Lis:** Poznan University of Life Science, Department of Wood Based Materials, Division of Gluing and Finishing of Wood, Poland
Influence of IR Radiation on Resistance to Mechanical Factors of Wood Based Panels Veneered with Foils and Laminates
Wpływ promieniowania IR na odporność na czynniki mechaniczne tworzyw drzewnych oklejonych foliami i laminatami
- 30 **M. Birkicht:** ALLOD Werkstoff GmbH & Co. KG, Germany
TPE - Applications, Developments and Trends
TPE (elastomery termoplastyczne) – zastosowania oraz kierunki rozwojowe
- 31 **M. Albrecht, A. Hüllmann, M. Gehde:** Chemnitz University of Technology, Professorship of Plastics Engineering, Germany
Potentials and Limitations of Welding Incompatible Polymers
Możliwości i ograniczenia spawania tworzyw polimerowych niezdolnych do jednorodnego mieszania
- 32 **R. Dietz, M. Gehde:** Chemnitz University of Technology, Professorship of Plastics Engineering, Germany
Structural View on the Environmental Stress Cracking of Welded Polyolefins
Strukturalny obraz spękań spawanych tworzyw poliolefinowych wywołanych naprężeniami pod wpływem środowiska naturalnego
- 33 **A. Hüllmann, E. Brückner, M. Gehde:** Chemnitz University of Technology, Professorship of Plastics Engineering, Germany
Modified Quantification of Material Damping Properties for Process Design in Ultrasonic Welding
Określenie ilościowe dampingowych parametrów materiałów w procesie spawania ultradźwiękowego
- 34 **D. Heidrich, E. Brückner, M. Gehde:** Chemnitz University of Technology, Professorship of Plastics Engineering, Germany
Welding of Foam Injection Molded Parts
Spawanie części wykonanych z pianek otrzymanych na drodze formowania wtryskowego
- 35 **I. Liebl, T. Richter, K. Bernhard, C. Trassl:** Evonik Resource Efficiency GmbH, Germany
High Performance Foams for Lightweight Applications
Pianki o wysokich parametrach eksploatacyjnych stosowane do lekkich konstrukcji
- 36 **B. Robak, M. Łapkowski***:** Synthos S.A., Poland; *Silesian University of Technology, Department of Chemistry, Poland; **Centre of Polymer and Carbon Materials of the Polish Academy of Sciences, Poland
Low Molecular Weight SSBR (L-SSBR): Synthesis, Functionalization and Application
Ciekłe kauczuki styrenowo-butadienowe (L-SSBR): synteza, funkcjonalizacja i właściwości aplikacyjne

- 37 **I. Karbownik**: Lodz University of Technology, Poland
Volume Doping *In Situ* Polyacrylonitrile Fiber
 Domieszkowanie objętościowe *in situ* włókien poliakrylonitrylowych
- 38 **V. Venkatachalam, D. Jahn, A. Siebert-Raths, S. Spierling, H.-J. Endres**: University of Applied Sciences and Arts, Institute for Bioplastics and Biocomposites, Germany
Mechanical and Environmental Properties of Recyclates from Bio-based Plastics
 Właściwości mechaniczne oraz odporność na warunki atmosferyczne produktów recyklingu opartych na bio-polimerach
- TESTING & MEASUREMENTS**
- 39 **T. Żuk, M. Żenkiewicz*, M. Błaszowski**: Institute for Engineering of Polymer Materials and Dyes, Poland; *Kazimierz Wielki University, Poland
Investigation of Electrostatic Separation of Polymer Mixtures
 Badania procesu separacji elektrostatycznej mieszanin tworzyw polimerowych
- 40 **M. Pasich, N. Henzel*, M. Matlengiewicz****: Institute for Engineering of Polymer Materials and Dyes, Paint and Plastics Department, Poland; *Institute of Medical Technology and Equipment, Poland; ** University of Silesia, Institute of Chemistry, Poland
Microstructure Characterization of Poly(*n*-butyl methacrylate) Based on the Analysis of Carbonyl Signal in the ¹³C NMR Spectra
 Charakterystyka mikrostruktury poli(metakrylanu *n*-butylu) oparta na analizie sygnału karbonylowego widma ¹³C NMR
- 41 **R. Kozak, P. Babula*, M. Matlengiewicz***: Synthos SA, Poland; *University of Silesia, Institute of Chemistry, Poland
Tailoring Polybutadiene Properties and Anionic Polymerization Process via Application of σ and μ Polar Modifiers
 Sterowanie właściwościami polibutadienu oraz procesem polimeryzacji anionowej poprzez zastosowanie modyfikatorów polarnych typu σ oraz μ
- 42 **P. Machelak**: RONOX Technology, Poland
Gases and Vapours Permeability through Films and Packaging
 Badania przenikalności gazów i par przez folie i opakowania
- 43 **H. Prunk (presented by M. Galla)**: SIKORA AG, Germany
Advanced Online Inspection and Sorting System Provides Customized Camera Options for Process Optimization in the Plastics Industry
 Zaawansowana kontrola „online” oraz system sortowania zapewniony dzięki zastosowaniu specjalnej kamery dla optymalizacji procesów w przemyśle tworzyw polimerowych
- 44 **V. Voloshynets, M. Kulchytska**: Lviv Polytechnic National University, Department of Physical and Colloidal Chemistry, Ukraine
The Application of Bodenshtein’s Method of Stationary Concentrations for the Analysis of Radical Polymerization of Methyl Methacrylate in the Presence of Modified Additives
 Zastosowanie metody stężeń ustalonych Bodenshtein'a do analizy polimeryzacji rodnikowej metakrylanu metylu w obecności modyfikowanych środków pomocniczych
- 45 **D. Heidrich, N. Schmeißer, M. Gehde**: Chemnitz University of Technology, Professorship of Plastics Engineering, Germany
Investigation of Crystallization Behavior of Polymers by Chip Calorimetry (Flash DSC)
 Badania zachowania polimerów podczas krystalizacji przy pomocy ultra szybkiej, różnicowej kalorymetrii skaningowej (Flash DSC)

46 **J. Dietrich:** ROC Rapid Optical Control GmbH, Germany

Closing the Loop within Color Compounding

Zamknięcie pętli w sporządzaniu mieszanek barwiących

◆ **POSTERS** (in alphabetic order according to Authors):

- 1 **B. Boharewicz, A. Hreniak, E. Kolasińska:** Electrotechnical Institute, Division of Electrotechnology and Materials Science, Poland
Novel Flame Retardants for Resins and Plastics
Nowe antypireny do żywic i tworzyw sztucznych
- 2 **K. Bortel, E. Langer:** Institute for Engineering of Polymer Materials and Dyes, Paint and Plastics Department, Poland
Solar Reflecting PVC Pastigels
Plastizele PVC odbijające promieniowanie słoneczne
- 3 **I. Gajlewicz, M. Lenartowicz-Klik:** Institute for Engineering of Polymer Materials and Dyes, Paint and Plastics Department, Poland
Determination of the Combustibility of Cables and Wires
Określenie palności kabli i otulin kablowych
- 4 **E. Gibas, G. Rymarz:** Institute for Engineering of Polymer Materials and Dyes, Paint and Plastics Department, Poland
Films with Nanosilver for Food Packaging
Folie z nanosrebrem do pakowania żywności
- 5 **Š. Krivoš, A. Ujhelyiová*, L. Omaníková*, K. Holcová, P. Michlík:** Research Institute for Man-Made Fibres, a.s., Slovak Republic; *Slovak University of Technology in Bratislava, Faculty of Chemical and Food Technology, Institute of Natural and Synthetic Polymers, Slovak Republic
Properties of Nanoadditive Masterbatches for Polypropylene Nanocomposite Fibre Preparation
Właściwości masterbaczy zawierających nanododatki stosowanych do otrzymywania nanokompozytowych włókien polipropylenowych
- 6 **E. Langer, K. Bortel, S. Waśkiewicz*, M. Lenartowicz-Klik:** Institute for Engineering of Polymer Materials and Dyes, Paint and Plastics Department, Poland; *Silesian University of Technology, Faculty of Chemistry, Department of Physical Chemistry and Technology of Polymers, Poland
New Oligomeric Plasticizers Based on Soybean Oil
Nowe plastyfikatory oligomeryczne na bazie oleju sojowego
- 7 **B. Swinarew, G. Rymarz:** Institute for Engineering of Polymer Materials and Dyes, Paint and Plastics Department, Poland
Study of the Effect of Glue on Polyethylene Containers
Badania wpływu kleju na pojemniki polietylenowe
- 8 **Z. Tomčíková, A. Ujhelyiová*, P. Michlík, Š. Krivoš, M. Hricová*:** Research Institute for Man-Made Fibres, a.s., Slovak Republic; *Slovak University of Technology in Bratislava, Faculty of Chemical and Food Technology, Institute of Natural and Synthetic Polymers, Slovak Republic
A Comparative Study of Structure and Properties of Polypropylene and Polylactide Fibres Modified with Fluorescent Pigment
Badania porównawcze struktury oraz właściwości włókien polipropylenowych i polilaktydowych modyfikowanych przy pomocy pigmentu fluorescencyjnego

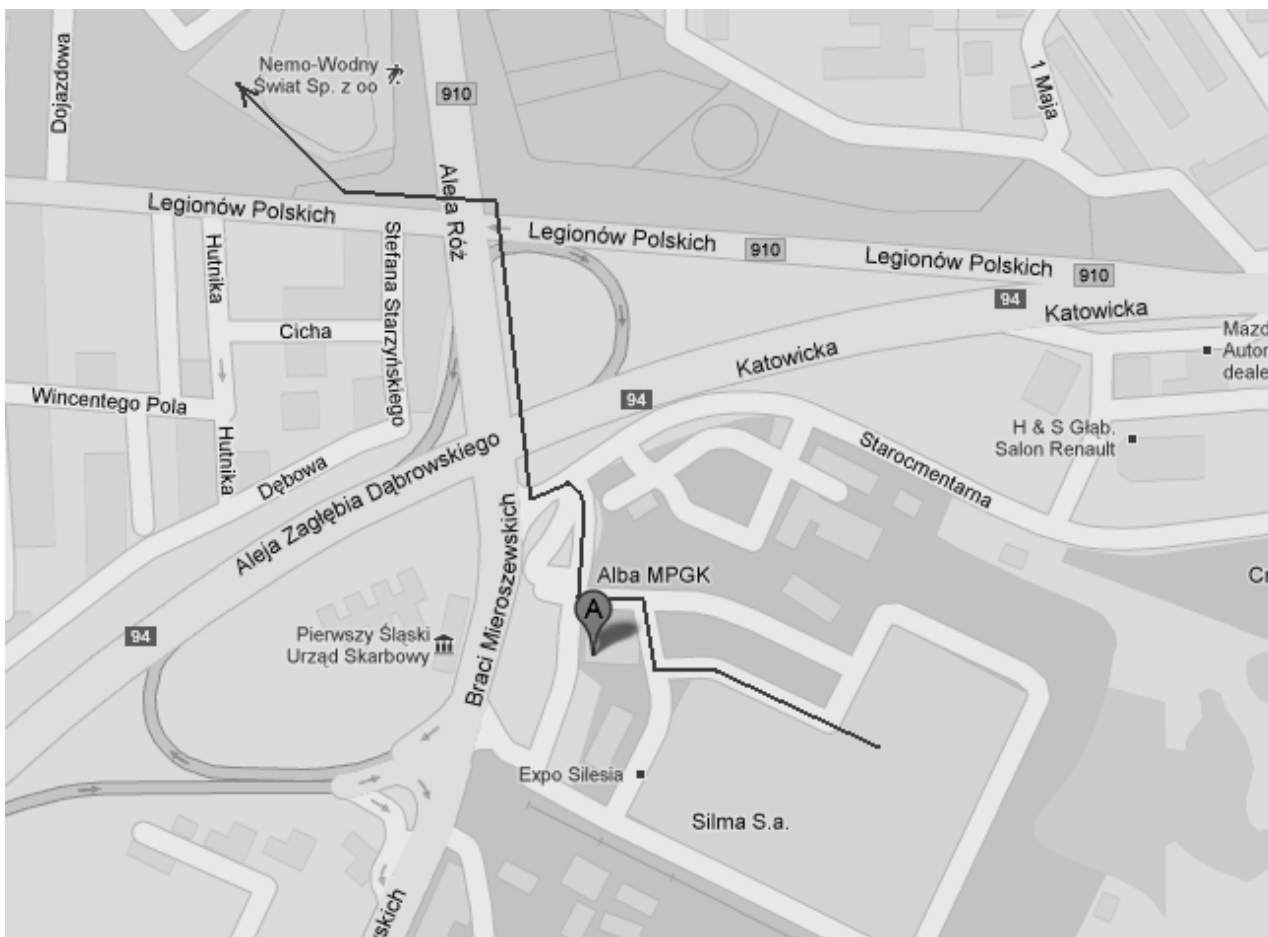
◆ **CONFERENCE LANGUAGE:**

The Conference will be conducted in **English/Polish**. Both presentation of papers and discussions will be interpreted simultaneously into **Polish/English**.

◆ **CONFERENCE DINNER:**

The Conference Dinner will be held in the Restaurant "NEMO – Wodny Świat" on Tuesday **15 November 2017** at **7:00 PM**. Address: 41-300 Dąbrowa Górnicza, 1, Aleja Róż (Haller's Park) – 10 min. walking distance from Conf. Venue, a map below

Taxis will be organised to take Delegates from the Conference venue to the Restaurant.



◆ **REGISTRATION:**

Registration of participants will take place in front of the Conference Hall in the Conference Pavilion on the **13th of November 2017** from **4:00 PM** till **7:00 PM** and on **14th of November 2017** from **8:00 AM**.

◆ **PAYMENT:**

A total Conference fee for one participant is:

a) **€ 350**

b) Special **reduced fee for Speakers** and persons presenting a **scientific poster**
€ 300

The Conference fee **includes:**

- One set of Conference Proceedings
- APT '17 Bulletin
- List of Delegates and participating Companies

- Lunch, Coffee/Tea on 14, 15, & 16 November 2017
- Conference Dinner on 15 November 2017
- Car park at Expo Silesia

◆ **A CONFERENCE FEE SHOULD BE PAID:**

- a) By bank transfer (**costs of bank transfer should be covered by the Delegate**)
till 23 October 2017 to:

Bank PEKAO SA II Oddział w Gliwicach

SWIFT CODE (BIC): PKOPPLPW

IBAN code (account №): PL 64 1240 2991 1111 0010 2073 9460

**for Instytut Inżynierii Materiałow Polimerowych i Barwnikow,
APT '17 Conference**

Bank address: ul. Bohaterów Getta Warszawskiego 9, 44-100 Gliwice, Poland

The Delegate's name and APT '17 must be mentioned on the draft and a copy of the request to the bank.

- b) By cash at the registration desk.
Credit cards will not be accepted.

Note: In case payment is effected in **Polish currency**, average rate in **NBP should** be considered (at the day of payment).

◆ **PROMOTION:**

POSTERS: Both promotion and scientific posters for presentation during APT '17 should be delivered to the Institute **before the 6th of November 2017** or delivered to the Organisers before the Conference in Sosnowiec.

Size of poster: **max 975 mm (height) × max 945 mm (width).**

A price for presentation of **promotion poster** is **180 €.**

INSERTS: Inserts in Conference Set: up to 3 pages (size A-4) of information material can be included into Conference Set.

Price – **180 €**

Inserts **in the amount of 120 copies** should be delivered to the Institute **before the 6th of November 2017.**

PROMOTION DESK: Located in front of the Conference Hall.

Price – **290 €**

Both Posters and Inserts should be delivered to the address: Institute for Engineering of Polymer Materials and Dyes, Paint & Plastics Department, ul. Chorzowska 50A, 44-100 Gliwice, Poland.

Payment **for promotion** should be transferred to the account mentioned above **before the 6th of November 2017.**

◆ **CAR PARK:**

Free car park will be available at EXPO Silesia for APT '17 Delegates.

◆ **ACCOMMODATION:**

Below please find the list of selected hotels. Most of them have offered a reduced price for the APT '17 Delegates.

In order to secure hotel reservation please contact the chosen hotel in advance.

Payment for hotel will be done by APT '17 Delegates at the Hotel.

◆ **LIST of HOTELS:**

NOVOTEL KATOWICE CENTRUM****

Address: Al. Rożdżeńskiego 16, 40-202 Katowice
(city centre, 15 km from Expo Silesia)

Tel.: +48 32 2004450 /51

Fax: +48 32 2004411 /12

e-mail (for reservation): H3377-RE@accor.com;
H3377-RE1@accor.com; H3377-RE2@accor.com
www.novotel.com

**Special price per 1 night for APT '17
participants, breakfast included:**

single room – **219 Polish zlotys**
double/twin room – **248 Polish zlotys**

reservation should be done by e-mail and
guaranteed by a credit card.

Smoking is not allowed in the hotel

HOLIDAY INN Dąbrowa Górnicza****

Address: ul. Aleja Róż 1A, 41-300 Dąbrowa
Górnicza

(less than 1 km from Expo Silesia)

Tel.: +48 32 7550000

Fax: +48 32 7337711

e-mail: reservation@hidabrowa.pl
www.hidabrowa.pl

**Special price per 1 night for APT'17
participants, breakfast & parking included:**

single room – **270 Polish zlotys**
double/twin room – **320 Polish zlotys**

**ALTUS (former QUBUS) HOTEL Prestige
Katowice******

Address: ul. Uniwersytecka 13, 40-007 Katowice
(city centre, 20 km from Expo Silesia)

Tel.: +48 32 438 9350

Fax.: +48 32 438 9399

e-mail: rezerwacje@altushotel.com.pl
www.altushotel.com.pl

**Special price per 1 night, breakfast & parking
included:**

single room – **300 Polish zlotys**
double/twin room – **390 Polish zlotys**

HOTEL SZAFRAN****

Address: ul. Będzińska 82, 41-250 Czeladź
(9 km from Expo Silesia)

Tel.: +48 32 784 3100

Fax: +48 32 784 3103

e-mail: rezerwacja@hotelszafran.pl
www.hotelszafran.pl

**Special price per 1 night for APT '17
participants, breakfast included:**

single room – **209 Polish zlotys**
double/twin room – **249 Polish zlotys**

Hotel DIAMENT Plaza Katowice****

Address: ul. Dworcowa 9, 40-012 Katowice
(city centre)

Tel.: +48 32 746 7000

Fax.: +48 32 746 7001

e-mail: katowice@hotelediament.pl
www.hotelediament.pl

**Special price per 1 night for APT '17
participants, breakfast included - reservation till
30 September 2017:**

single room – **319 Polish zlotys**
double/twin room – **389 Polish zlotys**

Park Hotel DIAMENT Katowice****

Address: ul. Wita Stwosza 37, 40-042 Katowice
(at the A-4 motor-way, 18 km from
Expo Silesia)

Tel.: +48 32 720 0000

Fax: +48 32 720 0001

e-mail: katowicepark@hotelediament.pl
www.hotelediament.pl

**Special price per 1 night for APT '17
participants, breakfast included:**

single room – **245 Polish zlotys**
twin room – **290 Polish zlotys**

Hotel DIAMENT Spodek****

Address: ul. Korfantego 35, 40-005 Katowice
(city centre)

Tel.: +48 32 606 8585

e-mail: spodek@hotelediament.pl
www.hotelediament.pl

**Special price per 1 night for APT'17
participants, breakfast included:**

single room – **245 Polish zlotys**
twin room – **290 Polish zlotys**

SENATOR****

Address: ul. 1 Maja 3, 40-224 Katowice
(city centre)

Tel.: +48 32 2586081 to 83

Fax: +48 32 2586083

e-mail: senator@senator.katowice.pl
www.senator.katowice.pl

**Special price per 1 night for APT '17
participants, breakfast included:**

double room for 1 pers. – **170 Polish zlotys**
double room for 2 pers. – **190 Polish zlotys**

M HOTEL Sosnowiec****

Address: ul. Wojska Polskiego 199,
41-208 Sosnowiec (6 km from Expo Silesia)

Tel.: +48 32 363 6300

Fax: +48 32 363 6306

e-mail: recepcja@mhotelsosnowiec.pl
www.mhotelsosnowiec.pl

Special price per 1 night for **APT'17 participants**:
single/twin room – **198 Polish zlotys**
double room – **248 Polish zlotys**
+ **32 Polish zlotys** for breakfast per person
+ **18 Polish zlotys** parking

KATOWICE**

Address: Al. Korfantego 9, 40-951 Katowice
(city centre, 15 km from Expo Silesia)
Tel.: +48 32 2561111; +48 32 2588281;
+48 32 2598021

Fax: +48 32 2597526

e-mail: hotel@hotel-katowice.com.pl

www.hotel-katowice.com.pl

Special price per 1 night for **APT '17 participants**, breakfast included:

single room – **120 Polish zlotys**
twin room – **180 Polish zlotys**

Hotel Dąbrowiak**

Address: ul. Wybickiego 1, 41-303 Dąbrowa
Górnicza (7 km from Expo Silesia)

Tel.: +48 32 268 9113

Mobile: +48 693 550 309

e-mail: recepcja@hoteldabrowiak.com.pl

www.hoteldabrowiak.com.pl

Special price per 1 night for **APT'17 participants**, without breakfast:

twin room – **100 Polish zlotys**

Hotel Standard**

Address: ul. Magazynowa 1 A, 42-530 Dąbrowa
Górnicza (6 km from Expo Silesia)

Tel.: +48 32 639 9660

Fax: +48 32 268 5036

Mobile: +48 696 064 595

e-mail: recepcja@hotelstandard.pl

www.hotelstandard.pl

Special price per 1 night for **APT '17 participants**, breakfast included:

single room – **120 Polish zlotys**
double/twin room – **190 Polish zlotys**

Hotel ORION**

Address: ul. Przyjaciół Żołnierza 5A, 41-200
Sosnowiec (8 km from Expo Silesia)

Tel.: +48 32 266 1897; +48 32 266 7033

Mobile: +48 726 353 033

Fax: +48 32 266 7158

e-mail: rezerwacja@hotelorion.pl

www.hotelorion.pl

Special price per 1 night for **APT '17 participants**, breakfast included:

single room – **125 Polish zlotys**
twin/double room – **145 Polish zlotys**

Hotel ASTRA**

Address: ul. Morcinka 14, 41-303 Dąbrowa
Górnicza (4 km from Expo Silesia)

Tel.: +48 32 268 2915

Mobile: +48 606 739 637

e-mail: kontakt@astra.media.pl>

www.astra.media.pl

single room – **120 Polish zlotys**

twin room – **140 Polish zlotys**

+ **15 Polish zlotys** for breakfast per person

IBIS BUDGET Katowice Centrum*

Address: Al. Roździeńskiego 18, 40-202 Katowice
(city centre)

Tel.: +48 32 3505040

e-mail: H6601-FO@accor.com

www.ibis.com

Special price per 1 night for **APT '17 participants**, breakfast included:

for 1 person – **110 Polish zlotys**

twin/double – **125 Polish zlotys**

Zajazd BACHUS

Address: ul. Staszica 42, 41-303 Dąbrowa Górnicza
(1 km from Expo Silesia)

Tel./Fax: +48 32 2687660

e-mail: kontakt@zajazdbachus.pl

www.zajazdbachus.pl

single room – **123 Polish zlotys**

twin room – **155 Polish zlotys**

+ **20 Polish zlotys** for breakfast per person

Oberża ŻAR (former Zajazd JURAN)

Address: ul. Staszica 34, 41-300 Dąbrowa Górnicza
(1 km from Expo Silesia)

Mobile: +48 505 086 520

e-mail: oberzazar@gmail.com

Special price for **APT'17 participants** per 1 night, breakfast included:

single room – **110 Polish zlotys**

twin room – **170 Polish zlotys**

double room – **140 Polish zlotys**

Zajazd IRYS

Address: ul. Małobądzka 1, 41-200 Sosnowiec
(4 km from Expo Silesia)

Tel.: +48 32 291 8956

Mobile: +48 510 834 701

single room – **70 - 80 Polish zlotys**

twin room – **100 - 110 Polish zlotys**

◆ TRAVEL:

By air

There are flights to Warsaw, Kraków (BALICE Airport) and Katowice (PYRZOWICE Airport) from European countries.

From Warsaw to Sosnowiec or Katowice: by train (around three hours).

From Kraków to Katowice: by train (around 2 ½ hours) or bus from the main bus Station (near the railway station – 1 ½ hour).

By rail

There are trains from many European countries going directly to Katowice.

From Katowice city centre to the venue (Expo Silesia):

the bus stop at Piotra Skargi str.

- bus № 808, 811

It takes around 30 – 40 min to get from Katowice to Expo Silesia by bus.

From Sosnowiec city centre to the venue:

The bus stop is situated vis-à-vis the railway station

- bus № 808, 811, 690, 55

By taxi:

POLONIA TAXI gives special rates **for Expo Silesia guests** for fixed courses:

Katowice city centre – Expo Silesia **50 Polish zlotys**

Sosnowiec city centre – Expo Silesia **20 Polish zlotys**

Katowice Airport (Pyrzowice) – Expo Silesia **90 Polish zlotys**

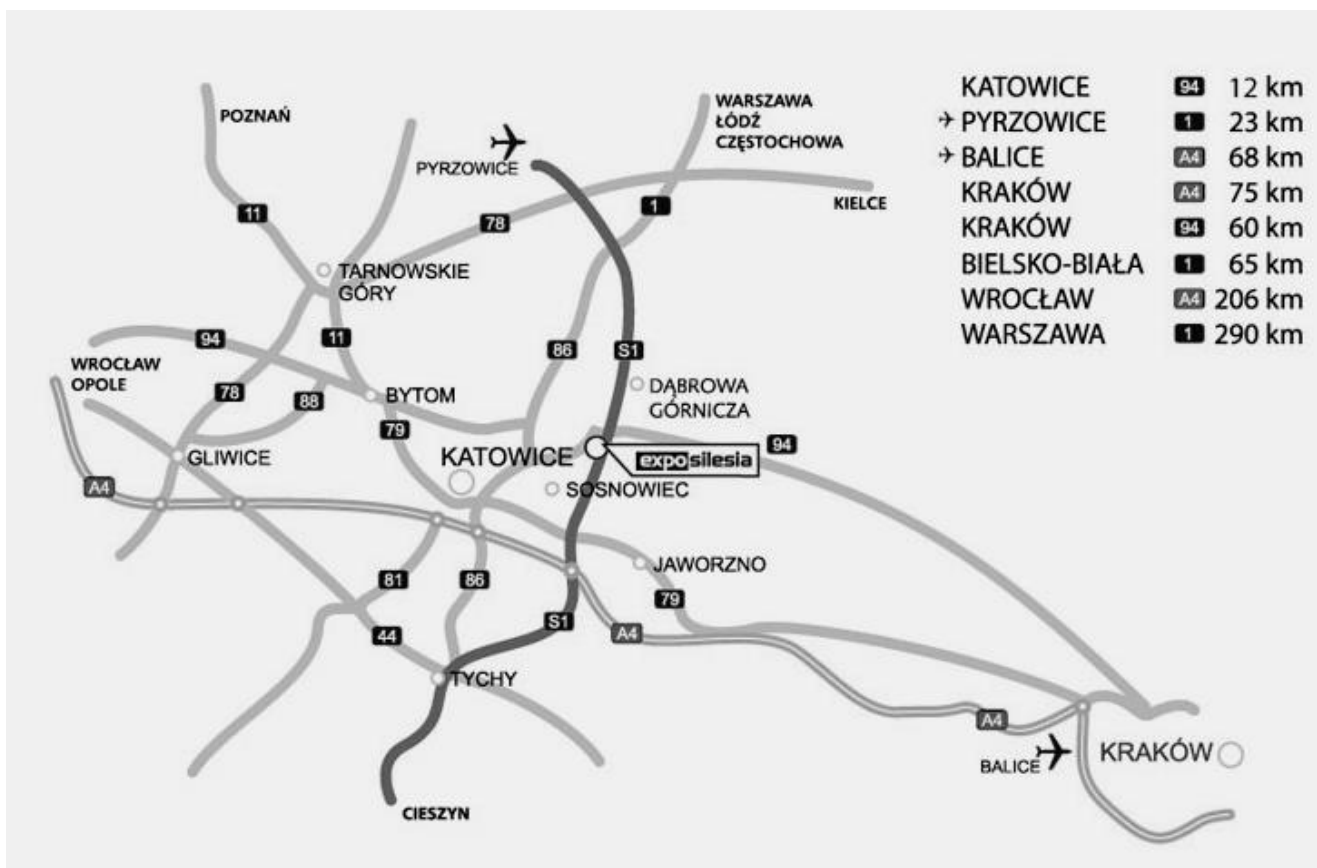
Tel.: +48 32 263 5555 – it is necessary to refer to “Expo Silesia guest”.

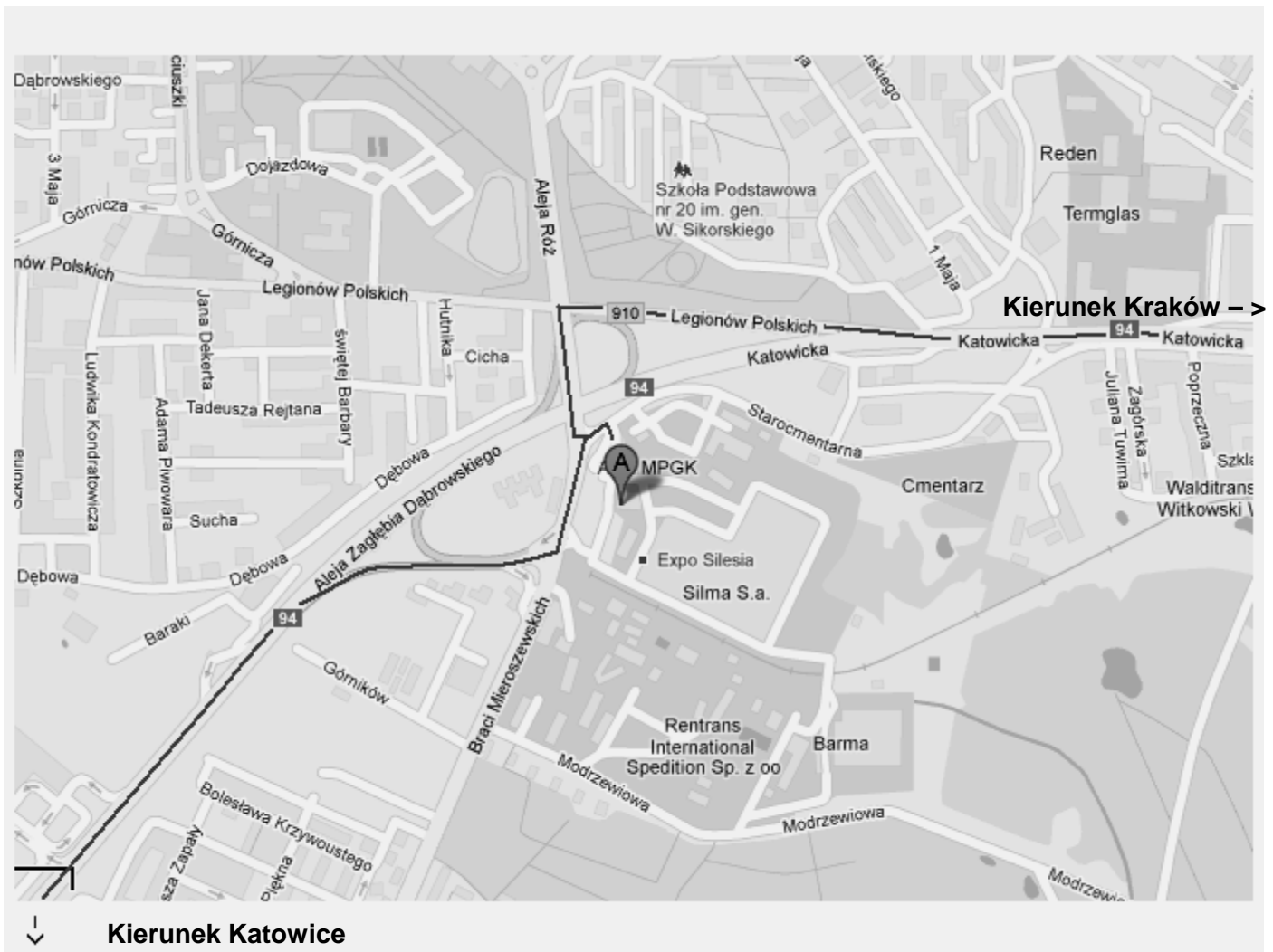
By car:

GPS to Expo Silesia: 50° 18' 53.721" N

19° 11' 49.313" E

More information can be found at: www.exposilesia.pl





Contact:

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