THE 12TH INTERNATIONAL CONFERENCE ON COATINGS ON GLASS AND PLASTICS

Advanced coatings for large-area or high-volume products

JUNE 11-15, 2018

Conference Center Würzburg, Germany · www.iccg12.de

Organized by
International Organizing Committee of ICCG,
Fraunhofer Institute for Silicate Research ISC
and Vincentz Network
Dive into the World of Coatings

We look forward to welcoming you to the ICCG12 held in Würzburg for the first time ever. ICCG is a biannual international scientific conference including technical exhibition and industry get-together.

In 2018, participants will “Dive into the World of Coatings” and will find this motto reflected on a number of very different levels which all serve to create an attractive meeting space for scientists, technologists, managers, and practitioners from research, teaching and industry. There will be opportunities to discuss all kind of topics in the field of large-area coatings on glass and plastics.

New concept

To foster the idea of networking and to offer a platform for future projects, the accompanying exhibition will be turned into a marketplace for innovation. Exhibitors will have the opportunity to give short presentations or to host innovation talks to introduce latest developments. There will also be room for B2B meetings which may lead to follow-up contacts at a later stage. It is also seen that there is time available for in-depth discussions without having to miss out on a talk or skip a presentation.
Conference topics

The application of coatings onto glass and plastics is still of major importance to create high added value products. Large area deposition of inorganic materials under atmospheric or vacuum conditions has become the basis of energy savings, harvesting, and storage. Optical thin films dominate the market in consumer electronics and communication networks. Emerging markets and new business opportunities for high volume products rely on coatings on flexible substrates generated either through plasma enhanced processes or wet chemical deposition techniques. Advanced materials and hybrid nanocomposites present further options to create multifunctional and even active surfaces contributing to the development of high-tech products and services. The 12th ICCG will highlight these international market trends, discuss new relevant materials and deposition technologies. We will bring together experts from science and industry as well as other stakeholders defining the future of surfaces and coatings.

Short courses

Prior to the conference, on Monday afternoon June 11, 2018, several short courses will be given by experts in the field of thin films and coatings. These educational lectures are intended to provide fundamental and technological background on specific conference topics.

Local Chairman: Dr. G. Schottner
Conference program

Introductory session

Markets and business in the field on coatings on glass and plastics
Chairmen: Dr. K. Suzuki, Mr. J. Vitkala

Topics and preliminary call for papers

The conference will be organized in several sessions. Papers are invited to contribute to the following sessions:

Technical sessions

1 Advanced vacuum processes
   Chairmen: Prof. Dr. G. Bräuer, Dr. J. Strümpfel

2 Atmospheric pressure processes
   Chairmen: Prof. Dr. K. Spee, Dr. J. Pütz

3 Film growth, metrology, process control, simulation
   Chairmen: Mr. R. Shimshock, Dr. T. Kälber, Prof. Dr. B. Szyszka

4 Energy conversion, lighting, displays
   Chairmen: Dr. M. Junghähnel, Dr. D. Bernt

5 Optics, sensors, life sciences, packaging
   Chairmen: Dr. G. Ockenfuss, Prof. Y. Shigesato

6 Architectural and automotive glazing
   Chairmen: Prof. S. Oktik, Dr. R. Thielsch

Panel discussion: Electromobility and autonomous driving and its influence on coatings on glass and plastics

Please submit your abstract until November 30, 2017 here:
www.iccg12.de/call-for-papers

The conference language is English. Submission in other languages will not be accepted. The best paper and poster will be honoured.
Preliminary schedule and social events

**Monday, June 11, 2018**
12:30 – 18:00 h  Short courses at Fraunhofer ISC
19:30 – 22:00 h  ICCG 12th welcome reception

**Tuesday, June 12, 2018**
08:30 – 18:00 h  Conference, plenary session, innovation market, exhibition

Evening  Time available for recreation or B2B meetings

**Wednesday, June 13, 2018**
08:30 – 18:00 h  Conference, plenary session, innovation market, exhibition
19:30 – 22:00 h  Würzburg night

**Thursday, June 14, 2018**
08:30 – 18:00 h  Conference, plenary session, innovation market, panel discussion, conclusion of conference, flag handover
19:00 – 23:00 h  Conference dinner, poster award

**Friday, June 15, 2018**
09:00 – 14:00 h  Company tours
Local organizing committee

Director of Fraunhofer ISC: Prof. Dr. G. Sextl
Local Chairman: Dr. G. Schottner
Local Secretary: S. Herold
Local Editorial Chairman: Dr. U. Posset
Local Organizing Team: S. Rota, M.-L. Dörffel, K. Wilger, M. Schürmeyer

International organizing committee:

Chairman: Prof. Dr. G. Bräuer, Fraunhofer IST, Germany
Secretary: Dr. K. Suzuki, SurFtech Transnational Co., Ltd., Japan
Vice Chair: Prof. Dr. K. Spee, Solliance / TNO, The Netherlands
Editorial Chairman: Dr. J. Pütz, Carl Zeiss Smart Optics GmbH, Germany

Dr. W. De Bosscher, Soleras Advanced Coatings, Belgium
Dr. V. Geyer, Scheuten Glassgroup, The Netherlands
Dr. K. Hartig, Cardinal Glass Industries, USA
Dr. M. Junghähnel, Fraunhofer FEP, Germany
Prof. Dr. N. Kaiser, Fraunhofer IOF, Germany
Dr. T. Kälber, SCHOTT AG, Germany
Mr. K. Kato, Central Glass Co., Ltd., Japan
Dr. H. M. Kang, KKC, Korea
Dr. M. Liehr, W&L Coating Systems GmbH, Germany
Prof. Dr. H. Ye, Zhejiang University, China
Dr. M. Mennig, mm.nanoconsulting, Germany
Dr. K. Nagamoto, Lintec Co., Ltd., Japan
Dr. G. Ockenfuß, Viavi Solutions Inc., USA
Dr. T. Oyama, Asahi Glass, Japan
Dr. Y. Saito, Nippon Sheet Glass Co., Ltd., Japan
Dr. G. Schottner, Fraunhofer ISC, Germany
Prof. Dr. Y. Shigesato, Aoyama Gakuin University, Japan
Mr. R.P. Shimshock, MLD Technologies, USA
Dr. J. Strümpfel, Senior Consultant PVD, Germany
Prof. Dr. B. Szyszka, Technical University Berlin, Germany
Dr. R. Trassl, Applied Materials, Germany
Dr. J. Trube, Verband Deutscher Maschinen- und Anlagenbau e.V., Germany
Mr. J. Vitkala, Glaston, Finland

Supported by

Deutsche Glastechnische Gesellschaft (DGG), Germany
Glass Innovation Institute (GII), Finland
Glass Performance Days (GPD), Finland
Glass Worldwide, UK
PLASMA GERMANY, Germany
Society of Vacuum Coaters (SVC), USA
General information

Venue
Congress Center Würzburg (CCW)
Kranenkai 34, 97070 Würzburg, Germany

Accommodation
Hotel accommodation is not included in the conference fee. We offer you a wide selection of hotels to choose from. Please complete your reservation online at: www.iccg12.de/location/hotel

Conference fees
Please refer to the registration form for more detailed information on prices. Please note that you will receive our early-bird pricing when completing your registration on or before April 15, 2018.

Conference fees include
List of conference delegates · Lunch & coffee breaks · social events · Proceedings not included

Exhibitor registration
Please note that you will receive our early-bird pricing when completing your registration on or before December 31, 2017. Please find the application form for exhibitors and further information online at: www.iccg12.de/exhibition

Social program
Located on both banks of the river Main, the city of Würzburg is an inviting venue. The lovely historic center offers ample meeting opportunities to continue discussions outside the conference rooms. During the ICCG 12, two other events are hosted in Würzburg: the 2018 German Landesgartenschau (a State Horticultural Show) and the Mozart Festival. This is your chance to combine three high-class events at the same time. Consider staying an extra day to see it all. For further information please visit: www.iccg12.de/program/social
Your key contacts

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Important deadlines

Abstract submission
Nov. 30, 2017

Notification of acceptance
Jan. 22, 2018

Submission of full papers
Feb. 22, 2018

Early bird rate exhibition
Dec. 31, 2017

Early bird rate
Apr. 15, 2018

Register online at:
www.iccg12.de/registration