




## Open Archive Toulouse Archive Ouverte (OATAO)

OATAO is an open access repository that collects the work of Toulouse researchers and makes it freely available over the web where possible

This is a Publisher's version published in: <http://oatao.univ-toulouse.fr/25470>

**Official URL:** <https://doi.org/10.1016/j.phpro.2013.07.038>

**To cite this version:**

Maury, Francis  and Gesheva, Kostadinka and Hoffmann, Patrik and Malandrino, Graziella *Editorial*. (2013) *Physics Procedia*, 46. 1-2. ISSN 1875-3892

Any correspondence concerning this service should be sent  
to the repository administrator: [tech-oatao@listes-diff.inp-toulouse.fr](mailto:tech-oatao@listes-diff.inp-toulouse.fr)



## Editorial

This volume presents the papers for 19<sup>th</sup> European Conference on Chemical Vapor Deposition (EuroCVD19), Varna, Golden Sands, Bulgaria, from 1st - 6th September 2013.

EuroCVD19 will continue the biannual series of European CVD conferences, which started in Paris, 1977. The conference follows the tradition of gathering CVD researchers from prestigious research Laboratories in European countries, as well as leading laboratories dealing with CVD processes and CVD coatings from other countries, including USA, Russian Federation, Japan, Canada, China, New Zealand, India and South Africa. Through 11 invited and 54 contributed lectures, as well as 87 poster contributions, EuroCVD19 addresses the latest innovative topics in material research in the following areas:

- Novel CVD techniques such as plasma assisted ALD, iCVD and HVPE, and also CVD techniques for low cost applications, and the use of novel CVD precursors;
- CVD grown novel materials and structures for applications of photonic materials, composites, nano-wires and tubes, low- and high-k dielectrics, ultra thin films, barrier coatings, transparent conducting oxides, and hard-metal coatings.
- Modeling approaches for the simulation of CVD processes and of equipment from the molecular scale to the equipment scale for production.

From the 153 abstracts received, 94 manuscripts (87%) were submitted through the Elsevier Electronic Systems to be considered for the Special Issues of Surface and Coatings Technology (EuroCVD19 volume 1), and the rest for Physics Procedia (EuroCVD19 volume 2). A high quality standard was maintained throughout in the reviewing procedure for both the Surface and Coatings Technology manuscripts and for those for Physics Procedia. We sincerely appreciate the comments of all the referees involved in the evaluation of the papers for their valuable contributions. Our special thanks to members of the International Advisory Board for their help in recommending invited speakers.

- Numbers of contributions received (abstracts): 152 (65 Orals; 87 Posters).
- Nationality of the authors: 104 Europe, 23 Russian Federation, 11 Japan, 6 USA, 2 New Zealand, 1 Canada, 1 China, 2 South Africa, 1 India, 1 Korea.
- Numbers of papers published: 50 in SCT; 31 in Physics Procedia.

### Guest Editors:

Francis Maury (France) - Managing Editor

Kostadinka Gesheva (Bulgaria)

Patrik Hoffmann (Empa, Switzerland)

Graziella Malandrino (Univ. Catania, Italy).

## ORGANISING & ADVISORY COMMITTEES

### Local Organising committee:

Kostadinka Gesheva, PhD, DSc  
 Professor, **Bulgarian Academy of Sciences**  
**Central Laboratory of Solar Energy and New Energy Sources**  
**(CL SENES – BAS)**  
 Chairperson

Professor Petko Vitanov – CL SENES - BAS  
 Assoc. Professor Tatyana Ivanova – CL SENES - BAS  
 Assoc. Professor Emil Vlakhov – Institute of Solid State Physics - BAS  
 Professor Savcho Tinchev - Institute of Electronics – BAS  
 Professor Georgi Peev – University of Chemical Technologies and Metallurgy

**GIS Transfer Center Foundation, Bulgarian Academy of Sciences** - Professor Dr.-Eng.  
 Kostadin Kostadinov, Charman of the Managing Board

### **Euro CVD International Advisory Board:**

S.E. Alexandrov (Russia)  
 M.D. Allendorf (USA)  
 J. –O. Carlsson (Sweden)  
 D. Dascalu (Romania)  
 D. Davazoglou (Greece)  
 A. Figueras (Spain)  
 R.A. Fischer (Germany)  
 I.L. Fragalá (Italy)  
 K.A. Gesheva (Bulgaria)  
 M.L. Hitchman (UK)  
 C.R. Kleijn (The Netherlands)  
 A. Laikhtman (Israel)  
 F. Maury (France)  
 M. Pemble (Ireland)  
 M. Ritala (Finland)

### **Scientific committee**

#### **Guest Editors**

Francis Maury (France) – **Managing Editor**  
 Kostadinka Gesheva (Bulgaria)  
 Patrik Hoffmann (Empa, Switzerland)  
 Graziella Malandrino (Univ. Catania, Italy)

#### **Surface Coatings and Technology journal**

#### **EuroCVD19 Special Issue Editor:**

Ivan Petrov (Illinois University, USA)