**Editorial**

The 10\textsuperscript{th} International Symposium on Nitrides (ISNT2019) was held in Barcelona, Spain from 9.06.2019 to 13.06.2019. The conference venue was Casa Convalèscència, a singular building of the Hospital de la Santa Creu i Sant Pau that is considered as one of the most important works of catalan modernism. The hospital was declared historical artistic monument in 1978 and world cultural heritage site by UNESCO in 1997.

The first edition of the International Symposium on Nitrides took place in Saint Malo (France) in May 1996 and was followed by successive meetings in Limerick (Ireland) in 1998, Seville (Spain) in 2000, Mons (Belgium) in 2003, Eskisehir (Turkey) in 2006, Karlsruhe (Germany) in 2009, Saint Malo (France) in 2012, Wildbad Kreuth (Germany) in 2014 and finally in Sapporo (Japan) in 2017.

The conference ISNT2019 covered the following aspects of the chemistry and physics of nitrides:

- Theory and modelling
- Novel materials and synthetic approaches
- Crystal chemistry
- Thin films, sintering and metallurgy
- Glasses and glass-ceramics
- Silicon nitride and SiAlON ceramics

It was organized in sessions focusing on synthetic approaches, crystal chemistry, functional oxynitrides: catalytic properties and electronic properties, thin films, silicon nitride and carbon nitrides. A special session on young researchers was also scheduled. ISNT2019 attracted an interdisciplinary audience represented by scientists from 11 countries around the world that discussed about many frontier aspects of recent results in the materials science of nitride compounds that show important electronic, ceramic, catalytic and optical applications. The themes of the conference were highlighted with
11 invited talks, 27 oral communications and poster contributions. The present special issue contains representative articles of the topics of the symposium.

On behalf of the international advisory board (for details see https://isnt2019.icmab.es) we thank all participants of the meeting, specially the invited speakers and the session chairs who contributed, together with the oral speakers and the poster presenters, to the great success of the conference. A special thank is for the members of the local organizing committee Judith Oró-Solé,Montserrat Salas, Albert Moreno and José Antonio Gómez from the Institute of Materials Science of Barcelona (ICMAB-CSIC) who were essential for the successful development of all aspects of the conference. We want also to acknowledge the funding from the Ministry of Science and Innovation of Spain, The Royal Society of Chemistry of Spain (RSEQ), the Catalan Section and the Specialized Group of Solid State Chemistry of RSEQ, the Institute of Materials Science of Barcelona (CSIC) and the company Netzsch.

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