



Hasselt Diamond Workshop 2025

SBDD XXIX



March 19 – 21, 2025
Hasselt, Belgium

For three full days, the SBDD XXIX programme is **focussed on quantum aspects of diamond** while also covering annually returning topics. This comprises the growth of high-quality diamond material, including, doping, physics of colour centres and their properties, chemistry and physics of diamond surfaces, etc. Furthermore, use of these properties in quantum devices, high-power electronics, biomedical and bio-sensing applications, magnetic resonance, and many more will be discussed. Traditionally, SBDD XXIX is aiming at providing a forum where fundamental as well as application driven viewpoints can be discussed at the highest level.

Abstracts on the following topics are encouraged:

- High purity CVD diamond growth
- Doping and colour centre fabrication
- Defect spectroscopy and transport phenomena
- Nanodiamond particles
- Diamond-based electronics and power devices
- Quantum sensing and related technologies
- Biosensing and electrochemical innovations
- Radiation and particle detection technologies
- Surfaces and nanostructures
- Emerging frontiers in CVD diamond

Special Issue

In the framework of SBDD, a Special Issue on "Recent Advances in Diamond Science and Technology" will be published in a special issue of *physica status solidi (a)*. All oral and poster presenters are cordially invited to contribute.



Venue

Centre of Hasselt, Belgium

Abstracts

Abstracts should be uploaded [here](#). An abstract can contain figures and tables but the total length **must not** exceed one A4 page. Accepted file formats are doc and pdf. More info at <http://www.uhasselt.be/sbdd>.

Deadlines

January 15 2025	2nd Announcement including invited speakers and registration form
January 22 2025	Abstract submission deadline (oral presentations)
February 5 2025	Confirmation of acceptance of abstracts
March 3 2025	Full programme and final announcement
March 19 2025	Registration deadline

Organisation

Quan Li (Chair SBDD XXIX), The Chinese University of Hong Kong, Hong Kong, E-mail: liquan@cuhk.edu.hk

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Programme Board

Jocelyn Achard (France), **Julien Barjon** (France), **Christoph Becher** (Germany), **Philippe Bergonzo** (France), **Chia-Liang Cheng** (Taiwan), **Ádám Gali** (Hungary), **Etienne Gheeraert** (France), **Richard B. Jackman** (U.K.), **Fedor Jelezko** (Germany), **Satoshi Koizumi** (Japan), **Anke Krueger** (Germany), **Paul W. May** (U.K.), **David A. J. Moran** (U.K.), **Mark E. Newton** (U.K.), **Shannon S. Nicley** (U.S.A.), **Julien Pernot** (France), **Bohuslav Rezek** (Czech Republic), **Jean-François Roch** (France), **Romana Schirhagl** (Netherlands), **Matthias Schreck** (Germany), **Michael Trupke** (Austria), **Hitoshi Umezawa** (Japan), **Oliver A. Williams** (U.K.), **Nianjun Yang** (Belgium).

Workshop sponsored by [Hasselt University](#) through the [Institute for Materials Research \(IMO\)](#) and [IMOMEC](#).

