

2nd announcement

<http://www.uhasselt.be/sbdd>



Hasselt Diamond Workshop 2026

SBDD XXX



March 4 – 6, 2026
cultuurcentrum Hasselt (Cultural Centre), Hasselt, Belgium

*This year, the SBDD XXX programme is **focussed on diamond-based devices** 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 XXX is aiming at providing a forum where fundamental as well as application driven viewpoints can be discussed at the highest level.*

The 30th edition of SBDD is looking forward to provide a forum where fundamental and application driven viewpoints can be discussed on the highest level.

Note

SBDD XXX will cover three **full** days, starting on **Wednesday morning** (~ 8.30 AM) and ending **Friday afternoon** (~ 4 PM). Through the yearly rotation of the Chair, each edition gets a clear signature programme based on the Chair's field of expertise. The **SBDD XXX** programme will cover annually returning topics with *special emphasis on diamond-based devices*. Traditionally, **SBDD XXX** is looking forward to provide a forum where fundamental and application driven viewpoints can be discussed on 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

Abstracts must be submitted electronically [here](#) and must follow the **template** available at that link.

The confirmation of **acceptance** of the abstract will be sent before **January 21, 2026**, together with the type of presentation, i.e. oral or poster.

The **deadline** for submission of abstracts to be considered for oral presentation is **January 7, 2026**. Late abstracts will only be considered for posters.

Invited Speakers

Simona Baluchová, *Charles University, Czechia*

Single-crystal boron-doped diamond electrochemistry governed by crystal orientation and surface engineering

Ulrika F.S. D'Haenens-Johansson, *Gemological Institute of America (GIA), USA*

Optimizing thick CVD diamond synthesis: Effect of growth parameters on growth rate, crystal quality, and point defect incorporation

Takayuki Iwasaki, *Institute of Science Tokyo, Japan*

Heavy group-IV vacancy centers in diamond for quantum network

Tsubasa Matsumoto, *Kanazawa University, Japan*

On recent progress of inversion MOSFETs

Benjamin Pingault, *Argonne National Laboratory & University of Chicago, USA*

Controlling spin-mechanics interactions for spin control and coherence enhancement

Yosuke Sasama, *National Institute for Materials Science (NIMS), Japan*

Channel mobility of hexagonal boron-nitride/hydrogen-terminated diamond heterojunction field-effect transistor

More Invited Speakers will be added when confirmed.

Venue

SBDD XXX will take place at its traditional venue in the centre of Hasselt. The cultuurcentrum Hasselt is situated in the centre of Hasselt, just outside the ring road, and can be easily reached on foot.

cultuurcentrum Hasselt, Kunstlaan 5, B-3500 Hasselt, Belgium



Hotel

A number of rooms are pre-booked at a special rate in the [Express by Holiday Inn](#) hotel in Hasselt. To book a room, **please only use this link:** [Hasselt Diamond Workshop 2026 - SBDD XXX](#).

The special rate is valid for stays from Monday, March 2, to Saturday, March 7, 2026.

Express by Holiday Inn

Address: Thonissenlaan 37, B-3500 Hasselt

Tel: +32 (0) 11 24 22 00

E-mail: info@hihasselt.com



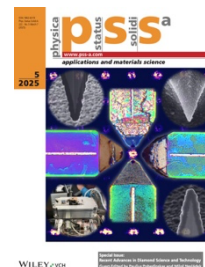
The telephone number and email address given above will lead you to the joint reservation desk of the [Holiday Inn](#) and [Express by Holiday Inn](#), hotels which are both situated in Hasselt. In case of problems, we kindly ask to use these contact details.

In case of direct contact with the reservation desk, do not forget to mention your participation to "**Hasselt Diamond Workshop 2026 – SBDD XXX**" in order to reserve one of our pre-booked rooms in the Express by Holiday Inn and to ensure the special rate!

Manuscripts

Each presenter is offered the opportunity to submit a manuscript, which will go through a normal double peer reviewing process. Traditionally, all accepted manuscripts will be published in a special issue of *physica status solidi (a)*. Oral as well as poster presenters are encouraged to submit. Submission should be done online using a dedicated website. The link will appear on the SBDD XXX website. Do **not** send your manuscript to the Editorial Office of *physica status solidi*.

Please go to the SBDD XXX website for manuscript preparation instructions and templates:
<https://www.uhasselt.be/sbdd#anch-334-special-issue>.



Registration details

Conference fee "SBDD XXX" €335

This fee includes welcome & poster receptions, coffee breaks, and lunch during the three days of the conference.

Student conference fee "SBDD XXX" €250

This fee includes welcome & poster receptions, coffee breaks, and lunch during the three days of the conference.

Conference dinner (optional) "SBDD XXX" €80

Thursday evening, March 5, 2026.

Conference Registration and Payment Information

The registration process will be **fully online**. Please follow the steps below to complete your registration and payment:

- Online Registration:

Click this link <https://sbdd-2026.eventsquare.store/en/lw3mkjkszzv3/sncmwsg7h5mb> to access the online webshop to select your conference tickets. After the payment, you will need to fill in additional information (name, institution, ...) to receive the tickets. **This information will be used to create your conference badge!**

- Payment Options:

You can only pay the conference fee using online payment options, such as a credit card, or other available online payment methods. **We will not have a payment device available at the conference and cash cannot be accepted.**

- Proof of Payment (for reimbursements):

During checkout, select "I place this order for a company" to receive a proof of payment. If required, a PO number can be added.

- On-site Registration / Late Registration:

If you choose to register on-site during the conference, you will still need to complete the registration through the same online link <https://sbdd-2026.eventsquare.store/en/lw3mkjkszzv3/sncmwsg7h5mb>. Note that in this case, we will not have a printed badge available for you.

Committees

Organisation

Julien Pernot (*Chair, SBDD XXX*), CNRS/Université Grenoble Alpes-Institut Néel, France, julien.pernot@neel.cnrs.fr

Ken Haenen (Co-Chair), Hasselt University & IMEC vzw, Belgium, ken.haenen@uhasselt.be

Miloš Nesládek (Co-Chair), Hasselt University & IMEC vzw, Belgium, milos.nesladek@uhasselt.be

Nora Colson (Conference Secretary), Hasselt University & IMEC vzw, Belgium, sbdd@uhasselt.be

Jeroen Prooth (Conference Vice-Secretary), Hasselt University & IMEC vzw, Belgium, sbdd@uhasselt.be

Programme Board

Jocelyn Achard, *Université Sorbonne Paris Nord, France*

Julien Barjon, *Université de Versailles Saint-Quentin-en-Yvelines, France*

Christoph Becher, *Universität des Saarlandes, Germany*

Philippe Bergonzo, *Seki Diamond Systems, France*

Chia-Liang Cheng, *National Dong Hwa University, Taiwan*

Ádám Gali, *HAS-Wigner Research Centre for Physics, Hungary*

Etienne Gheeraert, *CNRS/Université Grenoble Alpes-Institut Néel, France*

Richard B. Jackman, *University College London, U.K.*

Fedor Jelezko, *Universität Ulm, Germany*

Satoshi Koizumi, *NIMS, Japan*

Anke Krüger, *Julius-Maximilians-Universität Würzburg, Germany*

Quan Li, *The Chinese University of Hong Kong, Hong Kong*

Paul W. May, *University of Bristol, U.K.*

David A.J. Moran, *University of Glasgow, U.K.*

Mark E. Newton, *University of Warwick, U.K.*

Shannon S. Nicley, *Michigan State University, U.S.A.*

Bohuslav Rezek, *CAS-Institute of Physics, Czech Republic*

Jean-François Roch, *École normale supérieure Paris-Saclay, France*

Romana Schirhagl, *Rijksuniversiteit Groningen, Netherlands*

Matthias Schreck, *Universität Augsburg, Germany*

Michael Trupke, *Universität Wien, Austria*

Hitoshi Umezawa, *AIST, Japan*

Oliver A. Williams, *Cardiff University, U.K.*

Nianjun Yang, *Hasselt University, Belgium*

Deadlines

January	7	2026	Deadline for uploading of abstracts
January	21	2026	Confirmation of acceptance of abstracts
February	16	2026	Full programme and final announcement
February	25	2026	Registration deadline
March	31	2026	Deadline for receiving the manuscripts

Workshop sponsored by [Konfidi](#), [Mintres](#), [Diatope](#), [Supreme Green](#), and [Hasselt University](#) through the [Institute for Materials Research \(IMO\)](#) & [IMOMEC](#).