



# Materialize the future!

## The Master of Materiomics presents: 5 expert lectures on innovative materials design

28.04.2025 – Circularity

**Insights into new biorefinery opportunities: valorizing biomass towards advanced functional materials**

*by Prof. dr. Wouter Marchal (Hasselt University, Analytical and Circular Chemistry)*

Time: 18h-19h30 (CEST). Online or on campus in auditorium H3

05.05.2025 – Computational Methods

**Personal reflections on the past and future of the dialogue between experiment and (ab initio) computation**

*by Prof. dr. Stefaan Cottenier (UGent, Center for molecular modeling)*

Time: 18h-19h30 (CEST). Online or on campus in auditorium H3.

12.05.2025 – Quantum

**Quantum sensors from lab to space: Diamonds as the future of earth observation**

*by dr. Jaroslav Hruby (Hasselt University, Materials physics & OSCAR-QUBE and OSCAR-PINQ projects)*

Time: 18h-19h30 (CEST). Online or on campus in auditorium H3.

19.05.2025 – Health

**Modeling in health and medicine**

*by Prof. dr. Wilfried Langenaeker (Guest Professor at Hasselt University Materiomics & Head of Informatics & Predictive Modeling at The Janssen Pharmaceutical Companies of Johnson & Johnson)*

Time: 19h30-21h (CEST). Online or on campus in auditorium H3.

05.06.2025 – Energy – in collaboration with the MRS/E-MRS joint chapter of Hasselt University

**Carrier-resolved Photo Hall Effect**

*by Prof. dr. Byungha Shin (Department of Materials Science and Engineering, Korea Advanced Institute of Science and Technology)*

Time: 19h30-21h (CEST). Online or on campus in auditorium H3.

All lectures can be followed online.

Location of the lectures:

Hasselt University, Campus Diepenbeek,  
Agoralaan Building D, 3590 Diepenbeek, Belgium.

Participation is free, but registration is mandatory via

<https://forms.gle/VxGQnURjkE7d5xvf8>

Participants receive a certificate of attendance.

For more information, please contact

[materiomics@uhasselt.be](mailto:materiomics@uhasselt.be)

