

# Hierarchical & Functional Materials for health, environment & energy | HiFunMat

The **interdisciplinary thematic institutes**  
of the **University of Strasbourg** & **CNRS** & **Inserm**

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## Program

 **26 April, 9 am - 7.30 pm**

Conference

قاعة كرففان

# 2<sup>nd</sup> ITI HiFunMat Scientific day

09h20 Opening

09h30 **Molecularly imprinted polymers - Synthetic antibody mimic**  
Keynote speaker | Prof. Karsten Haupt | [University of Technology of Compiègne](#)

10h15 **Tailor-made functional polymeric materials: Quo Vadis?**  
Invited speaker | Hatice Multu | [IS2M, Axe III](#)

10h35 *Coffee break* ☕ ☕ ☕

10h50 **Carbosilylations Applied to the Synthesis of Original Fluorescent Benzosilines**  
Invited speaker | Morgan Donnard | [LIMA, Axe I](#)

11h10 **Plasma polymers from citronella: towards nanostructuring of bio-based thin films**  
Oral | Jamerson Oliveira | [IS2M, Axe II](#)

11h25 **Electrosynthesis of TiO<sub>2</sub> nanotubes electrodes with variable thickness and localized rapid analysis of their photoelectrochemical properties**  
Oral | Thomas Cottineau | [ICPEES, Axe III](#)

11h40 **Moisture and light responsive composite hydrogel made by DLP 3D printing**  
Oral | Quentin Bauerlin | [IS2M, Axe IV](#)

11h55 **'Tous Chercheurs' Projet Laboratoire - Ecole pour sciences participatives**  
Invited speaker | Pierre Fechter | [ESBS, Unistra](#)

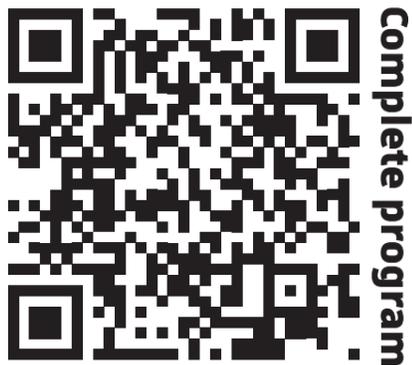
12h10 *Lunch break* ☺ ☺ ☺ **Poster session** 📄

14h00 **Biomimetic approaches to designing 3-D printable bio-based feedstocks based on liquid crystalline lignin blends**  
Keynote speaker | Prof. Marie-Pierre Laborie | [University of Freiburg, Germany](#)

14h45 **Enhancing cell survival in 3D printing of organoids using innovative bioinks loaded with pre-cellularized porous microscaffolds**  
Invited speaker | Adrien Rouselle | [INSERM, Axe V](#)

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15h05	<b>(NHC-olefin)-nickel(0) nanoparticles as catalysts for the (Z)-selective semi-hydrogenation of alkynes and ynamides</b> Oral   Avello Marta G.   <a href="#">LIMA, Axe I</a>
15h20	<b>Hexagonal arrays of carbon micropylramids formed by self-assembly of soot nanoparticles</b> Oral   Valeriy Luchnikov   <a href="#">IS2M, Axe III</a>
15h35	<b>Curcuminoid boron difluoride as TADF emitting dye for OLEDs</b> Oral   Anthony D'Aleo   <a href="#">IPCMS, Axe IV</a>
15h50	<i>Coffee break</i> ☕ ☕ ☕
16h05	<b>The role of interfaces in plasmon-induced catalysis</b> Invited speaker   Valérie Caps   <a href="#">ICPEES, Axe II</a>
16h30	<b>Water-soluble resist for 193 nm photolithography based on a chitosan biopolymer</b> Oral   Olha Sysova   <a href="#">IS2M, Axe V</a>
16h45	<b>Hydration friction in phospholipid layers: from boundary to bulk friction</b> Oral   Swen Helstroffer   <a href="#">ICS, Axe II</a>
17h00	<b>Influence of substrate curvature in cell migration and tissue morphogenesis</b> Oral   Mary-Ly Chapon   <a href="#">IS2M, Axe V</a>
17h15	<b>3D-printed eosin Y-based heterogeneous photocatalyst for organic reactions</b> Oral   Cloe Delacourt   <a href="#">LIMA, Axe 1</a>
17h30	<b>Probioton: Ionizing radiations for the obtention of protein-based biomaterials</b> Invited speaker   Quentin Raffy   <a href="#">IPHC, Axe IV</a>
17h50	<i>Cocktail</i> 🍷 🍷 🍷 <a href="#">Poster session</a> 🗨️



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