

# Overview Conference Program

Day 1 – March 5, 2024

**09:00 | PLENARY SESSION | Room 13b**  
 09:00 | Words of Welcome  
 09:05 | Turning medical devices smart and circular

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**SHORT COURSES**

**09:30**  
Towards sustainable ink

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**10:15**  
Sustainable design and manufacturing of 3D electronic structures  
Room 13a

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**BUSINESS CONFERENCE**

**09:30**  
End-user applications and requirements  
Room 13b

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COFFEE BREAK

**11:30**  
Process control

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**12:15**  
In mold electronics  
Room 13a

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**11:30**  
Markets and business environment  
Room 13b

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LUNCH

**14:00**  
Organic photovoltaics

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**14:45**  
Towards printed batteries  
Room 13a

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**14:00**  
Business and product developments  
Room 13b

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COFFEE BREAK

**16:00**  
Sensors & actuators/textiles displays

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**16:45**  
Towards a circular printed electronics  
Room 13a

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**16:00**  
Business and product developments  
Room 13b

Day 2 – March 6, 2024

**08:00 | OPEN PLENARY SESSION | ICM Foyer, LOPEC FORUM**  
 08:00 | Printed electronics - products, trends and facts for a sustainable future  
 08:25 | Highlights LOPEC 2024

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**09:00 | PLENARY SESSION | Room 14b**  
 09:00 | Words of Welcome  
 09:15 | How printed electronics answers the challenges of the global mega trends and how it develops solutions  
 09:40 | Flexible and printed electronics manufacturing in China  
 10:05 | How printed sensors can transform orthopaedic rehabilitation

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COFFEE BREAK

TECHNICAL CONFERENCE		SCIENTIFIC CONFERENCE	
<b>11:30</b> Smart and hybrid systems Room 13a	<b>11:30</b> Biomedical and healthcare applications Room 13b	<b>11:30</b> Advancements in printed electronics materials Room 14a	<b>11:30</b> Manufacturing techniques for next-gen electronics Room 14c

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LUNCH

<b>14:00</b> Substrates and encapsulation Room 13a	<b>14:00</b> Energy generation and storage Room 13b	<b>14:00</b> Materials and printing technologies for sustainable electronics Room 14a	<b>14:00</b> Functional manufacturing technologies Room 14c
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COFFEE BREAK

<b>16:00</b> Functional materials Room 13a	<b>16:00</b> Smart textiles and wearables Room 13b	<b>16:00</b> New approaches in flexible electronics materials Room 14a	<b>16:00</b> Manufacturing and deposition techniques in flexible electronics Room 14c
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**18:00**  
Technical Conference Poster Session  
ICM Foyer

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**18:00**  
Scientific Conference Poster Session  
ICM Foyer

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**19:00 | LOPEC Award Show & Get-Together**

Day 3 – March 7, 2024

**09:00 | PLENARY SESSION | Room 14b**  
 09:00 | Lessons from silicon: how ecosystems build value  
 09:25 | DNP's business development for next-generation telecommunications  
 09:50 | Accelerating emerging PV technologies  
 10:15 | High resolution color change in automotive  
 10:40 | Student Poster Award

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COFFEE BREAK

TECHNICAL CONFERENCE		SCIENTIFIC CONFERENCE	
<b>11:30</b> 3D structural electronics Room 13a	<b>11:30</b> User interfaces, displays and lighting Room 13b	<b>11:30</b> Advanced printed electronics systems for sustainable energy and mobility Room 14a	<b>11:30</b> Sensors in printed medical devices Room 14c

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LUNCH

<b>14:00</b> Upscaling production and manufacturing processes Room 13a	<b>14:00</b> Circular economy and green electronics Room 13b	<b>14:00</b> Novel devices and applications Room 14a	<b>14:00</b> Sensor manufacturing for smart applications and e-skins - I Room 14c
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COFFEE BREAK

<b>16:00</b> Upscaling production and manufacturing processes Room 13a	<b>16:00</b> Sensor manufacturing for smart applications and e-skins - II Room 14c
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