

Conference Program

LOPEC 2022

The meeting point for the
printed electronics industryDAY 1
March 22, 2022

Overview

Conference Program – Day 1

09:00 | PLenary SESSION | Room 13b

09:00 | Words of Welcome

09:05 | Decimating the CO2 footprint of solar energy with organic solar films

SHORT COURSES

09:30

Printing process control

10:15

Inks solvent- and bio-based

Room 13a

BUSINESS CONFERENCE

09:30

Business and product developments

Room 13b

COFFEE BREAK

11:30

Substrates (paper/plastic/stretchables)

12:15

Barrier properties: Stability

Room 13a

11:30

Business and product developments

12:10

Markets and business environment

Room 13b

LUNCH

14:00

E-textiles and smart patches

14:45

Sensing systems and hybrid assembly

Room 13a

14:00

End-user applications
and requirements

Room 13b

COFFEE BREAK

16:00

Displays

16:45

Sustainability

Room 13a

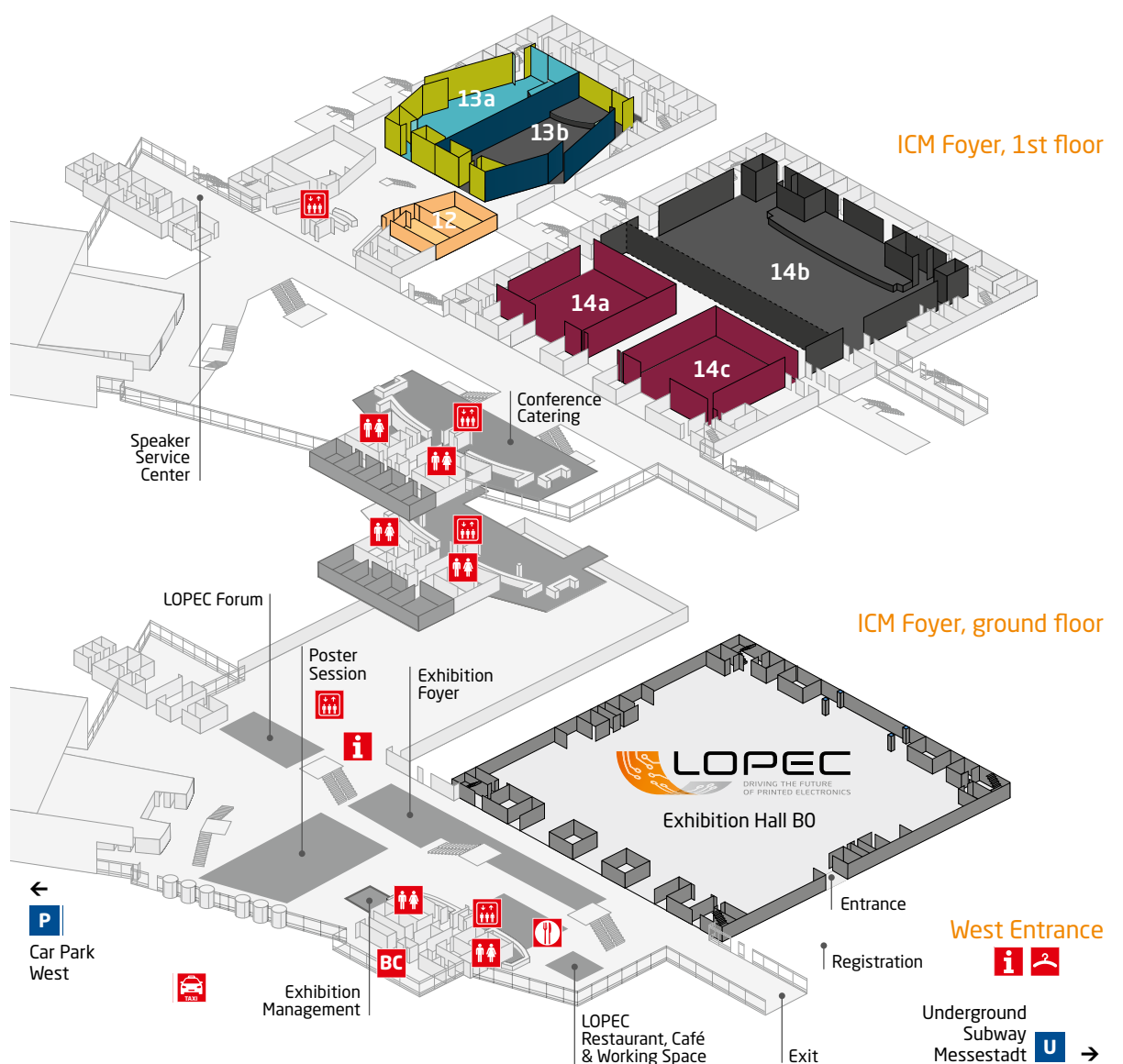
16:00

End-user applications
and requirements

Room 13b

Floorplan

Plenary Session Room 14b Short Courses Room 13a Business Conference Room 13b Technical Conference Room 13a/13b Scientific Conference Room 14a/14c Press Lounge Room 12



PLENARY SESSION Room 13b			
09:00	Words of Welcome Wolfgang Mildner LOPEC General Chair MSWtech DE		
09:05	Decimating the CO2 footprint of solar energy with organic solar films Dr. Guido van Tartwijk (invited speaker) CEO Heliatek GmbH DE		
	SHORT COURSES Room 13a		BUSINESS CONFERENCE Room 13b
	Conference Chair: Dr. Bertrand Fillon Vice President of European Affairs CEA Commissariat à l’Energie atomique et énergies alternatives FR		Conference Chair: Dr. Michael Korell Vice President - Head of New Growth Area Energy Storage Evonik Operations GmbH DE
	Printing process control		Business and product developments
09:30	Digitalization and traceability challenges in the printed electronic industry Dr. Michel Popovic (invited speaker) General Manager IN-CORE Systèmes FR	09:30	Silicone: A sustainable industrial platform for smart user interface for automotive applications Anupam Mukherjee Technical Director - R&D Center General Silicones Co., Ltd. TW
		09:50	Additive manufacturing of circuit boards using copper inks Ofar Shochet CEO and Co-Founder Copprint IL
	Inks solvent- and bio-based	10:10	The next thin thing for the internet of things Dr. Michael Korell Vice President - Head of New Growth Area Energy Storage Evonik Operations GmbH DE
10:15	Functional inks for printed electronics Dr. Erika Rebrosova (invited speaker) Electronic Materials Technology Manager Sun Chemical Corp. US	10:30	Growing opportunities for phosphorescent OLED Technology Dr. Michael Hack (invited speaker) Vice President of Business Development Universal Display Corporation US
11:00	COFFEE BREAK 30 min	10:50	COFFEE BREAK 40 min
	Substrates (paper/plastic/stretchables)	11:30	Accelerating the lab-to-fab transition for organic electronics technologies Jean-Remi Pouliot Brilliant Matters CA
11:30	Substrates for flexible electronics - an overview on requirements, materials, surfaces and processing Dr. John Fahlteich (invited speaker) Research Group Leader Fraunhofer FEP DE	11:50	Fully printed CMOS Integrated Circuits: A key block towards pervasive smart electronics systems Dr. Giorgio Dell’Erba CEO FLEEP Technologies S.r.l. IT
	Barrier properties: Stability		Markets and business environment
12:15	High gas barrier materials & encapsulation strategies, a critical point for market access Dr. Stéphane Cros (invited speaker) Research Engineer Univ. Grenoble Alpes, INES, CEA-LITEN FR	12:10	3D/additive electronics: New methods for new applications? Dr. Matthew Dyson Senior Technology Analyst IDTechEx GB
13:00	LUNCH 60 min	12:30	From fitness trackers to medical smartpatches; \$100B market opportunities with wearables Jerome Mouly (invited speaker) Team Lead Analyst - Sensing & Actuating Yole Développement FR
	E-textiles and smart patches	12:50	LUNCH 70 min
14:00	Fundamentals of printed hybrid electronics for healthcare wearables Dr. Edsger Smits (invited speaker) Program Manager Holst Centre - TNO NL		End-user applications and requirements
	Sensing systems and hybrid assembly	14:00	Production level performance with aerosol printing David Keicher Vice President IDS US
14:45	R2R manufacturing technologies for flexible and stretchable sensing systems Dr. Jukka Hast Research Manager VTT Technical Research Centre of Finland Ltd. FI	14:20	Additive manufacturing with an experienced partner: Manufacturing unique customer designs Carolyn Ellinger Eastman Kodak Company US
15:30	COFFEE BREAK 30 min	14:40	The importance of collaboration in printed and organic electronics Dr. Florian Ullrich Head of Business Development InnovationLab GmbH DE
	Displays	15:00	COFFEE BREAK 60 min
16:00	Additive processing for displays and touch screens Prof. Norbert Fruehauf (invited speaker) Director of Institute for Large Area Microelectronics Institute for Large Area Microelectronics, University of Stuttgart DE	16:00	Printed electronics: Creating value beneath the surface Melanie Wendrikat (invited speaker) Global Market Strategy - Printed Electronics Henkel AG & Co. KGaA DE
	Sustainability	16:20	Smart decorated Human Machine Interface (HMI) surfaces with embedded function Dr. Wolfgang Clemens (invited speaker) Director Product Management & Business Development PolyIC GmbH & Co. KG DE
16:45 - 17:30	Designing for sustainability: A practitioner perspective. How and where to start? Kévin Le Blévennec (invited speaker) Circular Economy Researcher VITO BE	16:40 - 17:00	The pathway to a printed electronic industry - digital production - artificial Intelligence for process performance improvement and sustainability in the production processes for coating, printing & laminating Thomas Kolbusch (invited speaker) Vice President Coatema Coating Machinery GmbH DE