



## Printed Electronics Track 1 Grand Ball Room G

### All Keynotes

- 8:50 am IDTechEx, Mr Raghu Das
- 9:00 am Samsung
- 9:25 am adidas Wearable Sports Electronics
- 9:50 am Jaguar Land Rover Research

10:15 am Break

11:15 am IDTechEx, Mr Raghu Das

11:30 am Osram Sylvania

11:55 am Hallmark Cards

12:20 pm Flextronics

12:45 pm Award Presentations - Printed Electronics

1:10 pm Lunch

### Sensors

2:30 pm ISORG

2:55 pm Tactonic Technologies

3:20 pm Novasentis, Inc

3:45 pm Electrozyme LLC

4:10 pm Break

4:45 pm KWJ Engineering, Inc.

5:10 pm Brewer Science

### Roll to Roll Manufacturing

5:35 pm KROENERT GmbH & Co KG

6:00 pm Kobe Steel Ltd

6:25 pm Day 1 Ends



## Printed Electronics Track 2 Grand Ball Room F

### Smart Labels, Smart Packaging and New Products Enabled by Printed Electronic

Jones Packaging Inc

Thin Film Electronics ASA

Soligie

T-Ink Inc

Break

### Displays and Lighting

Panasonic

LunaLEC

Electro-LuminX

University of Oxford

Day 1 Ends



## Printed Electronics Track 3 Grand Ball Room E

### Energy Harvesting: Photovoltaics

Solar PV Market Research

CSIRO

Armor Sustainable Energies (ASE)

Alta Devices

Break

Leviton Manufacturing Co., Inc.

ElectricFilm

TheTech Group LLC

DEK Solar

Day 1 Ends



**Graphene LIVE!**  
Grand Ball Room H

**Internet of Things Applications**  
Great America Ball Room K

**Wearable Technology**  
Great America Ball Room J

8:50 am  
9:00 am  
9:25 am  
9:50 am

10:15 am

Break

Break

Break

**Graphene LIVE! Keynotes**

**Opening Keynotes**

11:15 am

IDTechEx, Dr Khasha Ghaffarzadeh

IDTechEx, Dr Peter Harrop

11:30 am

Lockheed Martin

Bayer HealthCare LLC

11:55 am

Directa Plus / Vittoria SpA

Misfit Wearables

12:20 pm

Nokia

Dolby

12:45 pm

Cabot Corporation

**Award Presentations - Energy Harvesting and Internet of Things**

1:10 pm

Lunch

Lunch

Lunch

**Supercapacitor Opportunity**

**Smart Lighting**

**Wearable Electronics for Healthcare**

2:30 pm

IDTechEx, Mr Franco Gonzalez

OSRAM Sylvania

4iiii Innovations Inc

**Supercapacitor Applications**

2:55 pm

Bosch Engineering GmbH

Solid State Lighting Services

TBC

3:20 pm

UC Davis

The Technology Partnership plc

Pancreum

3:45 pm

Eaton Electronics Division

Marvell Semiconductor, Inc

Proteus Biomedical

4:10 pm

Break

Break

Break

**Graphene in Supercapacitors**

**IoT Implementation - What is the Opportunity and Challenges Really?**

**Energy Harvesting and Batteries for Wearable Electronics**

4:45 pm

UCLA - University of California, Los Angeles

Deutsche Telekom, Inc

TE Connectivity

5:10 pm

Zapgocharger

Cisco Systems

KAIST

5:35 pm

Stevens Institute of Technology

ARM

North Carolina State University

6:00 pm

AZ Electronic Materials/Cornell University

PARC Innovation Services Group

Blue Spark Technologies

6:25 pm

Day 1 Ends

Day 1 Ends

Day 1 Ends



## Energy Harvesting & Storage Great America Meeting Room 1, 2nd Floor



## 3D Printing LIVE! Great America Meeting Room 2, 2nd Floor

8:50 am		
9:00 am		
9:25 am		
9:50 am		
10:15 am	Break	Break
11:15 am		<b>3D Printing LIVE! Keynotes</b>
11:30 am		IDTechEx, Dr Jon Harrop
11:55 am		<b>Aerospace and Aviation</b>
12:20 pm		The Boeing Company
		SEDS
		<b>Design and Manufacturing</b>
		Fathom
		<b>Revolutionizing Optics</b>
12:45 pm	Award Presentations - Great America Ball Room K	LUXeXcel
1:10 pm	Lunch	Lunch
	<b>Vehicle Integrated Energy Harvesting</b>	<b>3D Printing Biology</b>
2:30 pm	GM Research & Development Center	Tufts University
	<b>Thermoelectric Energy Harvesters</b>	
2:55 pm	Alphabet Energy, Inc.	3Dponics
		<b>Increasing Resolution and Throughput</b>
3:20 pm	II-VI Marlow	Bosch Rexroth
3:45 pm	GMZ Energy	TNO - Holst Centre
4:10 pm	Break	Break
	<b>Smart Glass</b>	<b>Proliferation of 3DP Applications: Case Study Assessment</b>
4:45 pm	Research Frontiers Incorporated	Flextronics
5:10 pm	SAGE Electrochromics, Inc	Architected Materials
5:35 pm	Merck KGaA-EMD	Optomec
6:00 pm	View Inc	Solidscape
6:25 pm	Day 1 Ends	Day 1 Ends



## Printed Electronics Track 1 Grand Ball Room G



## Printed Electronics Track 2 Grand Ball Room F



## Printed Electronics Track 3 Grand Ball Room E

	Printed Electronics Manufacturing Hybrid Electronics	Transparent Conductive Films	Actuators and Speakers
9:00 am	Acree	C3Nano	Parker Hannifin Corporation
9:25 am	VTT	Canatu Ltd	Wacker Chemical Corp
	<b>R2R Manufacturing Breakthroughs</b>		
9:50 am	Asahi Kasei Corporation	BU Heraeus PM Electronic Materials	PiezoTech
		<b>Structural Electronics</b>	<b>Transistor Fabrication</b>
10:15 am	Sunchon National University	American Semiconductor	Smartkem Ltd
10:40 am	Break	Break	Break
	<b>Screen Printing</b>	<b>Conductive Inks</b>	<b>End User Forum</b>
11:15 am	Asada Mesh Co., Ltd	GSITechnologies	Jaguar Land Rover / United Technologies Research Center / Decathlon / Boeing
	<b>Inkjet Printing</b>		<b>Bio-electronics</b>
11:40 am	Ceradrop	Agfa-Materials	Microelectronics Center of Provence
12:05 pm	SIJTechnology Inc	Intrinsic Materials	MJT Associates
		<b>Barrier Films and Encapsulation</b>	<b>Services</b>
12:30 pm	PiXDRO	3M Display Materials and Systems Division	IMEC
12:55 pm	Lunch	Lunch	Lunch
	<b>Gravure Printing</b>		<b>Progress with Carbon Nanotubes</b>
2:15 pm	GT+W	Vitriflex	Raymor Industries Inc
	<b>Post Print Processing</b>		
2:40 pm	NovaCentrix	SCHOTT AG	National Research Council Canada
3:05 pm	Heraeus Noblelight Ltd	Kateeva, Inc	OCSiAL
3:30 pm	Xenon Corporation	Lotus Applied Technology LLC	SouthWest NanoTechnologies Inc
	<b>New Processes</b>		<b>New Material Developments</b>
3:55 pm	Appvion	Vinci Technologies	Quantum Materials Corporation
4:20 pm	Break	Break	Break
		<b>Printed Electronics Closing Keynotes</b>	
4:40 pm		ITRI	
5:05 pm		YFY Group	
5:30 pm		Qualcomm	
5:55 pm	Day 2 Printed Electronics Track 1 Ends	Day 2 Printed Electronics Track 2 Ends	Day 2 Printed Electronics Track 3 Ends



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**Graphene LIVE!**  
Grand Ball Room H

**Supercapacitors**  
Great America Meeting Room 3, 2nd Floor

**Internet of Things Applications**  
Great America Ball Room K

	Graphene Applications	Supercapacitors in Vehicle Applications	IoT Applications
9:00 am	Perpetuus Carbon Technologies Limited	United Chemi-Con	Belkin
9:25 am	Graphene Technologies	Imperial College London / Jaguar Land Rover	Digimarc Corporation
9:50 am	Graphenea	VISEDO Oy / Maxwell	<b>IoT Sensor Systems</b> GE Global Research
10:15 am	Graphene Frontiers	Torino e-district	Linear Technology / Dust Networks
10:40 am	Break	Break	Break
	<b>Graphene Technology Developments</b>	<b>Electrodes Advance</b>	<b>IoT Commercialization</b>
11:15 am	Momentive	IDTechEx, Dr Peter Harrop	<b>Panel Discussion</b>
11:40 am	Thomas Swan & Co. Ltd.	<b>Supercapacitors New Material Developments</b> University of California at Berkeley	Freescall Semiconductor
12:05 pm	Abalonyx AS	University of California Santa Barbara	B&B Electronics
12:30 pm	PPG Industries	Elbit Systems Land & C4I	AT&T Internet of Things Solutions
12:55 pm	Lunch	Lunch	Lunch
	<b>Graphene Manufacturing</b>	<b>New Forms: Thin, Flexible Energy Storage</b>	<b>Connecting the Edge - RAIN Session - RAIN and why RFID is the key for IoT</b>
2:15 pm	Haydale Limited	University of Missouri-Columbia	RAIN RFID
2:40 pm	NanoXplore Inc	Paper Battery Company Inc	FEIG Electronics Inc
3:05 pm	CVD Equipment Corporation	Imprint Energy Inc	Smarttrac Technology
3:30 pm	Aixtron SE	Enfucell Oy	SecureRF Corp
			<b>IPSO Alliance Panel Discussion</b>
3:55 pm	Thermo Fisher Scientific	ULVAC Inc	Micrium / Grid Connect / Treasure Data / Atmel
		<b>Separators</b>	
4:20 pm	Break	DreamWeaver	Break
			<b>IoT Options</b>
4:40 pm			NFC Forum
5:05 pm			Zigbee Alliance
5:30 pm			CSR
5:55 pm	Day 2 Graphene LIVE! Track Ends	Day 2 Supercapacitors Track Ends	Day 2 Internet of Things Applications Ends



## Wearable Technology Great America Ball Room J

## Energy Harvesting & Storage Great America Meeting Room 1, 2nd Floor

## 3D Printing LIVE! Great America Meeting Room 2, 2nd Floor

	e-Textiles	Energy Harvesting and Aerospace	The Maker Movement: Advances in Desktop 3D Printing
9:00 am	DECATHLON SA	NASA - Jet Propulsion Laboratory	MakerBot
9:25 am	Sensoria	National Institute of Aerospace	Airwolf 3D
		Energy Harvesting Systems	
9:50 am	Clothing+	EnOcean Inc	Printrobot Inc
10:15 am	DuPont	Spanson Inc	MadeSolid
10:40 am	Break	Break	Break
		Piezoelectric Energy Harvesting	
11:15 am	SensingTex	MicroGen Systems, Inc	OmniDynamics
			New Material Advances for 3D Printing
11:40 am	Teiimo	IDTechEx	Arevo Labs
	Flexible and Stretchable Electronics	Power Optimization	
12:05 pm	Ohmatex ApS	Analog Devices, Inc	Graphene 3D Lab
12:30 pm	CETEMMSA	Linear Technology	TBC
12:55 pm	Lunch	Lunch	Lunch
		Intelligent Buildings and IoT	
2:15 pm	Holst Centre/TNO	Intel Corp	CRP USA
2:40 pm	University of Tokyo	Continental Automated Buildings Association (CABA)	Cabot Corporation
			3D Printing and Structural Electronics
3:05 pm	BeBop Sensors / Eeonyx	Greenwave Systems	Printed Performance Innovations
3:30 pm	Seoul National University	Undercurrent	Lawrence Livermore National Laboratory
3:55 pm	Suzhou Institute of Nanotech and Nanobionics CAS	Coversant, Inc	Newton Cyberfacturing, Inc
4:20 pm	Break	Break	Break
4:40 pm	Texas Instruments	WiTricity Corporation	
5:05 pm	HZO	NXP Semiconductors	
5:30 pm	SOA Software	Slater Technology Fund	
5:55 pm	Day 2 Wearable Technology Track Ends	Day 2 Energy Harvesting Track Ends	Day 2 3D Printing LIVE! Track Ends