



28TH WORKSHOP

INNOVATIONS IN WIRELESS TECHNOLOGIES

introduction at 13h30

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Founder & coordinator Wireless Community





10TH ANNIVERSARY

**PAST, PRESENT AND FUTURE
OF
WIRELESS TECHNOLOGIES**

Thursday 14 November (TBC) @ imec - Leuven

PROGRAMME FOR 10TH ANNIVERSARY

- **The road towards 6G**
- **Artificial intelligence and wireless connectivity**
- **Standardisation for communication and localisation**
- **Future applications**
- **Demos**
- **Lively debate...**



30TH WORKSHOP

(DEMONSTRATIONS OF) SMART CONNECTIVITY

Friday 6 December @ imec - Leuven

NEW MEMBERS

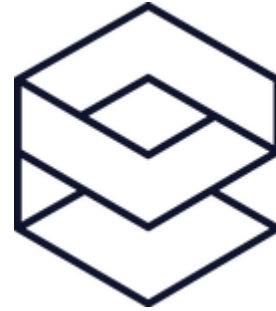
NEW MEMBER

- distributor of electronic components and sub-systems
- wireless communication solutions
- headquarter in Haaksbergen (NL)

www.texim-europe.com



NEW MEMBER



epic
·blue

- combines expertise in localization technologies and machine learning
- location intelligence systems
- digital twin of operational environments
- founded in 2016, headquartered in Leuven

www.epic.blue

NEW MEMBER



- development and production of custom-made devices and technologies
- for telecommunication and multimedia applications
- headquarter in Poperinge

www.unitrongroup.com

NEW MEMBER



web.umons.ac.be

WIRELESS COMMUNITY MEMBERS

INDUSTRY: 60 LOCAL COMPANIES



ACADEMIA



INNOVATION ORGANIZATIONS



	Non-Members	Members
Annual fee	-	
Access to workshop	80 ~ 100 EUR per person per workshop	
Access to slides	attended workshop only	
Technological advice Partner search	-	
Presentation	-	
Demo-booth	-	
Visibility	-	

	Non-Members	Members
Annual fee	-	Companies: 300 EUR Academia: free
Access to workshop	80 ~ 100 EUR per person per workshop	Included (up to 10 employees per workshop)
Access to slides	attended workshop only	all slides of all workshops
Technological advice Partner search	-	Yes
Presentation	-	Yes*
Demo-booth	-	Yes*
Visibility	-	on website + flyer

*depending on availability and in line with topic of the workshops

PROGRAMME FOR TODAY

PROGRAMME - PART I

AUDITORIUM

- **13:45** **RF Energy Harvesting for IoT Applications**

Sarah Houtain and Antoine Bostem



- **14:20** **Battery-less communications using energy harvesting, is it feasible?**

Carmen Delgado Pinillos



- **14:35** **Radar sensors for a rapidly moving world**

Ilja Ocket



PROGRAMME - PART 2

ENTRANCE HALL

- **Demo 1** **Automated testing of a LoRaWAN endDevice**
Tucana
- **Demo 2** **IR Communication**
Televic
- **Demo 3** **Radar sensing**
imec
- **Demo 4** **Energy harvesting**
e-peas

PROGRAMME - PART 3

AUDITORIUM

- **15:50** **Ultimate RF immunity, infra-red communication for multi-channel audio distribution**
Frederik Naessens
- **16:30** **Boosting wireless technology with ML**
Some interesting use cases
Eli De Poorter, and Jaron Fontaine
- **17:10** **Plenary discussion / debate**
- **17:20** **Networking**

televic



imec



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www.wirelesscommunity.be



embracing a better life