



ST MEMS & SENSORS S & ANALOG WORKSHOPS

30th May KRAKOW
1st June SOPOT



Agenda

MEMS Sensors
make technology
more human



- **Introduction**
- **MEMS & Sensors**
 - Portfolio overview Motion MEMS & Environmental sensors (Marketing) – 15 min
 - Technical details – product parameters, embedded digital features – 30 min
 - HW and SW overview – 15 min
 - **Hands-on 1** – X-NUCLEO-IKS01A2 using Unicleo GUI – 30 min
 - BREAK
 - **Hands-on 2** – SW example on Wake-up function with accelerometer – 30 min (Keil uVision)
 - **Hands-on 3** – SW example on altitude alarm with atmospheric pressure sensor – 30 min (Keil uVision) – (optional, depending on time available)
 - MEMS Microphones (Marketing, Application use cases, product details) – 15 min
 - MEMS Microphones HW and SW overview + DEMO – 15 min
- **ANALOG**
 - Portfolio overview (Marketing) – 15 min
 - Technical details with focus on TSU and TSZ family - 30 min
 - HW and SW overview – 15 min
 - **Hands-on 4** - X-NUCLEO-IKA01A1 (phone charging TSZ124 – energy calculator) - 30 min



Registration

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