

## International Symposium on Wearable Health Care Sensors

### Agenda

9:00-12:00	Registration				
10:00-10:05	Opening				
10:05-10:15	Greeting	Shin-ichi Kawarada	Japan Science and Technology Agency	Senior Director	
10:15-11:00	P01 keynote	Kohei Ohno	HST Inc.	President	"Biomedical sensing and its application in wearable measurement"
11:00-11:30	P02	Kazusuke Maenaka	University of Hyogo	Professor	"(provisional)One chip multisensor integration for a patch type human monitoring sensor system"
11:30-12:00	P03	Virginia Natale	STMicroelectronics	Products Marketing Manager	"BioToBit: Wearable Sensors for Healthcare"
12:00-14:00	Lunch Break				
14:00-14:30	P04	Jukka Leikkala	Tampere Univ. of Technology	Professor	"Wireless physiological sensors for wearable health care"
14:30-15:00	P05	Valer Pop	Holst Centre / imec the Netherlands	R&D Business Developer	"Connected everywhere ... Ultra low power wearable sensors"
15:00-15:30	P06	Yong Lian	York University/National University of Singapore.	Professor	"Self-Powered Wireless Biomedical Sensors: Challenges and Future"
15:30-15:50	Coffee Break				
15:50-16:20	P07	Hironori Sato	OMRON HEALTHCARE Co.,LTD	Senior Engineer	"Sensing life style beyond the blood pressure measurement at home"
16:20-16:50	P08	Andy Westby	Preventice, Inc.	Senior Business Development Manager	"Sending the Hospital Home with the Patient How Remote Monitoring is Changing Healthcare"
16:50-17:20	P09	Takuya Maekawa	Osaka University	Associate Professor	"Sensor-based context understanding for healthcare applications"
17:30-18:30	P10 Panel discussion (Moderator: Takayuki Fujita (University of Hyogo))				"Issues to solve for growing markets"
18:30-18:40	Closing				

#### Symposium theme

- 1 present and future technologies of the wearable health care sensors ( from pocket/wristwatch-type to patch-type and implanted ones)
- 2 non-invasive and unaware patch-type sensors
- 3 ultra low power consumption circuits and long life battery
- 4 big data processing using human vital sensors' information
- 5 how can we extend these devices into the new business field

Organizer: University of Hyogo, Tohoku University  $\mu$ SIC(Micro System Integration Center)

Conference Chair: Kazusuke Maenaka (University of Hyogo), Masayoshi Esashi (Tohoku University)

Program Committee: Hidekuni Takao (Kagawa University), Takayuki Fujita (University of Hyogo), Kensuke Kanda (University of Hyogo)

Steering Member: Kohei Higuchi (University of Hyogo)

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Place: Yokohama JAPAN, Pacifico Yokohama Conference Center 315

[http://www.pacifico.co.jp/english/prom\\_reconf\\_en.html](http://www.pacifico.co.jp/english/prom_reconf_en.html)

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