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{1}DDS Diagnostic S.R.L., Romania; {2}Ilie Murgulescu Institute of Physical Chemistry of the Romanian Academy, Romania; {3}IMT Bucharest, Romania; {4}University of Bucharest, Romania

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TUTORIAL 4 – MAAIKE OP DE BEECK

Room: Aula Magna

18:30 - 19:00

Educational Factory - Training and Innovation: How to Re-design effectively our future together

Room: Aula Magna

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{1}Université de Bordeaux, France; {2}Université de Bordeaux / IMS Laboratory, France

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Politecnico di Torino, Italy*

BioCAS 2017 – FRIDAY, OCTOBER 20th

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Room: Aula Magna
Session Chair: Alejandro Linares-Barranco

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9:30 – 10:30

POSTER SESSION: Wireless & Wearable Technology

Room: Sala Consiglio di Facoltà

Session Chair: Kiichi Niitsu

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{1}Middle East Technical University, Cyprus; {1}Middle East Technical University, Turkey; {2}Mikro Biyosistemler AŞ, Turkey

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{1}Politecnico di Torino, Italy; {2}STMicroelectronics srl, Italy

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^{1}Georgia Institute of Technology, United States; ^{2}Michigan State University, United States

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Room: Aula Magna

Session Chair: Gert Cauwenberghs

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12:00 – 13:00

LUNCH

Sala Consiglio di Facoltà

13:00 – 14:00

KEYNOTE 2: GIANLUCA PETTITI

Room: Aula Magna

14:00 – 15:30

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Room: Aula Magna

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Sala Consiglio di Facoltà

15:30 – 16:30
POSTER SESSION: Biosignal Recording & Processing
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Session Chairs: Hanjun Jiang and Laleh Najafizadeh

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{1}Daegu Gyeongbuk Institute of Science and Technology, Korea; {2}KIMM, Korea; {3}KIST, Korea; {4}Korea Advanced Institute of Science and Technology, Korea

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{1}Novelda AS, Norway; {2}Oslo University Hospital, Norway; {3}University of Oslo, Norway

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Room: Aula Magna

Session Chairs: Zhihua Wang and Abe Elfadel

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Ruprecht-Karls-Universität Heidelberg, Germany*

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Zurich and ETH Zurich, Switzerland*

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University of Central Florida, United States*

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^{1}Istituto Italiano di Tecnologia, Italy; ^{2}Politecnico di Torino, Italy*

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*Robert James, Jim Garside, Michael Hopkins, Luis Plana, Steve Temple, Simon Davidson, Steve Furber
University of Manchester, United Kingdom*

18:45 – 24:00

GALA DINNER

Location: la Venaria Reale

FoodCAS 2017 – FRIDAY, OCTOBER 20th

****ALL FOODCAS 2017 SESSIONS WILL TAKE PLACE AT POLITECNICO DI TORINO,
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATIONS, CORSO CASTELFIDARDO
42/A, 5TH FLOOR MEETING ROOM****

**8:45 – 9:00
OPENING**

**9:00 – 9:45
KEYNOTE 1: JOHN P. VERBONCOEUR**

**9:45 – 11:00
LECTURE SESSION: Foods-I
Session Chairs: Danilo Demarchi and Mohamad Sawan**

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{1}Helmholtz-Zentrum Berlin, Germany; {2}Universität Ulm, Germany*

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{1}Case Western Reserve University, United States; {2}University of Florida, United States*

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{1}DDS Diagnostic S.R.L., Romania; {2}IMT Bucharest, Romania*

XSpectra®: The Most Advanced Real Time Food Contaminants Detector456

*Bruno Garavelli, Andrea Mencarelli, Luca Zanotti
Xnext s.r.l., Italy*

**11:00 – 11:15
BREAK**

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LECTURE SESSION: Foods-II

Session Chairs: Danilo Demarchi and Mohamad Sawan

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^{1}PepsiCo International, Ireland; ^{2}Tyndall National Institute, Ireland; ^{3}Tyndall National Institute & School of Chemistry, Ireland

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^{1}Università degli Studi di Perugia, Italy; ^{2}Università della Calabria, Italy

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^{1}aizoOn Consulting Technology, Italy; ^{2}Trustech s.r.l., Italy; ^{3}Università degli Studi di Torino, Italy; ^{4}Università del Piemonte Orientale A. Avogadro, Italy

GreenPallet: Systemic Approach and Electronics to Improve the Food Transportation System

Franco Fassio, Alberto Tallone
Università degli Studi di Scienze Gastronomiche, Italy

12:30 – 14:00

LUNCH

14:00 – 14:45

KEYNOTE 2: SØREN BALLING ENGLESEN

14:45 – 16:15

LECTURE SESSION: Milk, Drink, Meat and Plants

Session Chairs: Danilo Demarchi and Mohamad Sawan

AGRION: Reduce Chemical Uses in Agriculture to Preserve Environment and Human Health.....N/A

Luca Nari, Francesca Costamagna, Graziano Vittone
Agrion, Italy

Smart Needle for Fat Profile Detection in Meat.....N/A

Javier Ramos^{1}, Jose L. Ausín^{2}, Diego Lozano^{1}, Guido Torelli^{3}, Francisco Duque-Carillo^{2}
^{1}BioBee Technologies, Spain; ^{2}Universidad de Extremadura, Spain; ^{3}Università degli Studi di Pavia, Italy

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*Umberto Bena, Sergio Blengini
Informatica Sistemi, Italy*

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{1}Agricontrol snc, Italy; {2}CERSAA, Italy; {3}Università degli Studi di Verona, Italy*

A Feasibility Study for Food Contamination Monitoring via Microwave Imaging Technology...N/A

*Jorge A. Tobon Vasquez{2}, Giovanna Turvani{2}, Gianluca Dassano{2}, Marco Vacca{2}, Mario R. Casu{2}, Rosa Scapaticci{1}, Francesco Savorani{2}, Francesca Vipiana{2}
{1}Consiglio Nazionale delle Ricerche, Italy; {2}Politecnico di Torino, Italy*

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Politecnico di Torino, Italy*

16:15 – 16:45

BREAK

16:45

DISCUSSION PANEL: Does agriculture (plants, foods, etc...) need more hightech interventions? Which ones?

18:45 – 24:00

GALA DINNER

Location: la Venaria Reale

BioCAS 2017 - SATURDAY, OCTOBER 21st

8:30 - 10:00

LECTURE SESSION: SPECIAL SESSION: Next Generation Millimeter-Scale Wireless Neural Implants

Room: Aula Magna

Session Chairs: Timothy Constandinou and Maysam Ghovanloo

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^{1}Georgia Institute of Technology, United States; ^{2}Imperial College London, United Kingdom*

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*Katarzyna Szostak, Federico Mazza, Michal Maslik, Lieuwe Leene, Peilong Feng, Timothy Constandinou
Imperial College London, United Kingdom*

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*Jiwoong Park^{2}, Chul Kim^{2}, Abraham Akinin^{2}, Sohmyung Ha^{1}, Gert Cauwenberghs^{2}, Patrick Mercier^{2}
^{1}NYU Abu Dhabi, U.A.E.; ^{2}University of California, San Diego, United States*

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*Adam Mendrela^{2}, Kanghwan Kim^{2}, Daniel English^{1}, Sam McKenzie^{1}, John Seymour^{2}, György Buzsáki^{1}, Euisik Yoon^{2}
^{1}New York University, United States; ^{2}University of Michigan, United States*

10:00 - 11:00

COFFEE BREAK

Room: Sala Consiglio di Facoltà

10:00 - 11:00

POSTER SESSION: SPECIAL SESSION: BrainCAS, Neural Implants + Implantable Electronics & Interfaces

Room: Sala Consiglio di Facoltà

Session Chairs: Timothy Constandinou and Maysam Ghovanloo

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{1}Beijing University of Technology, China; {2}Johns Hopkins University / National University of Singapore, Singapore; {3}Korea Advanced Institute of Science and Technology, Korea; {4}Nanyang Technological University, Singapore; {5}National University of

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Johns Hopkins University, United States

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University of California, Los Angeles, United States

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^{1}Texas Instruments, United States; ^{2}University of California, San Diego, United States

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{1}Nagasaki Institute of Applied Science, Japan; {2}Tohoku University, Japan*

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Room: Aula Magna

Session Chairs: Wouter Serdijn and Sara Ghoreishizadeh

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Guided Walk to FAREWELL EVENT

Walk under the Arcades

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FAREWELL EVENT

Palazzo Madama
