



General informations

Congress president: Prof. M.G Cusella De Angelis

Scientific committee :

- Prof. Carlo Saverio Iorio (Université libre de Bruxelles, Belgium)
- Dr.ssa Gemma Rius (IMB-CNM-CSIC, Barcelona, Spain)
- Prof. Tanemura Masaki (Nagoya Institute of Technology, Faculty of Engineering, Nagoya, Japan)
- Prof. Riccardo Bellazzi (Director of Centre for Health Technologies-CHT, University of Pavia, Italy)
- Prof. Carlomaurizio Montecucco (Head of Medicine and Surgery school, University of Pavia, Italy)
- Prof. Marcello Imbriani (Head of Dpt. of Public Health, Experimental Medicine and Forensic, University of Pavia, Italy)
- Prof. Silvana Rizzo (Head of the school of Dentistry, University of Pavia, Italy)

Organising Committee :

- Dott. Gabriele Ceccarelli (Post-doc, Human Anatomy Unit, Dpt. of Public Health, Experimental Medicine and Forensic, University of Pavia, Italy)
- Dott. Flavio Ronzoni (Post-doc, Human Anatomy Unit, Dpt. of Public Health, Experimental Medicine and Forensic, University of Pavia, Italy)
- Dott.ssa Laura Benedetti (Supervisor of laboratory activity, Human Anatomy Unit, University of Pavia, Italy)

Secretary

- Dott.ssa Giulia Silvani (Multimed s.r.l, Turin, Italy)
- PRAGMA CONGRESSI
- Lucia Sacchi, CHT, University of Pavia
- Federico Dagostin, CHT, University of Pavia

hbw^{hst}
human brain wave

CHT
Centre for Health Technologies
University of Pavia

RIGENERA

**1st International Conference on
Wound Healing and Monitoring**

Palazzo Vistarino - 16 - 17 June 2017
PAVIA - ITALY

ULB
UNIVERSITÉ
LIBRE
DE BRUXELLES

CSIC
CENTRO NACIONAL DE MICROELECTRÓNICA

CNM

NAGOYA INSTITUTE OF TECHNOLOGY
1909



About:

This two-days meeting was inspired by the application of the Centre for Health Technologies to a multicentric, multidisciplinary, international project, funded by NATO's “**Science for Peace and Security**” program.

The project aims at designing and creating a prototype of sensorized plaster for the treatment of skin wounds, that would be used in difficult scenarios like natural disasters.

The meeting will explore the two main aspects of the project: medical and engineering, and will address and discuss the following topics:

- Innovative treatments in wound healing
- Wound therapy
- Wound repair and regeneration
- Regenerative medicine
- Bioengineering and sensing

The Conference will gather academics and scientific innovators, as well as international organizations and representatives of the industries to consider potential strategies for bioengineering and regenerative treatment related to the wound-healing process, fostering discussion and exchange of ideas among researchers of diverse areas of expertise. The participation of international experts is expected, both in the fields of wound care (MDs both civilian and military, Plastic surgeons and researchers) and in design of wearable sensors (biomedical engineers, chemists and physicists of materials).

The congress is open to field researchers, MDs, PhD students, students of medical sciences and also students showing interest in the multidisciplinary approach to this topic.

Program

DAY 1 – Friday, **June 16**

- **08:30** - Participants registration
- **09:00** - Welcome addresses by Civil Authorities
- **09:15** - Welcome address by NATO authorities
- **09:45** - Prof. Tanemura Masaki - *NItech institute, Nagoya, Japan*
- **10:15** - Prof. Angelo Argentero - *Dip. Cardiotoracovascolare: Chirurgia Vascolare, San Matteo Hospital, Pavia, Italy*
- **10:45** - Coffee break
- **11:00** - Dott. Angelos Strelas - *Postdoctoral researcher IMB-CNM, Instituto de Microelectrónica de Barcelona, Spain*
- **11:30** - Prof. Gen. Giacomo Mammana - *Director - Military Hospital di Roma “Celio”, Rome, Italy*
- **12:00** - Prof. Giovanna Della Porta - *Senior Researcher, Translational Medicine Laboratory, Dept. of Medicine, Surgery and Dentistry “Scuola Medica Salernitana”, University of Salerno, Italy*
- **12:30** - Prof. Maurilio Sampaolesi - *Associate Professor, Stem Cell Biology and Embryology, KU Leuven, Belgium*

- 11:00** - Dott. Angelos Streklas - *Postdoctoral researcher IMB-CNM, Instituto de Microelectrónica de Barcelona, Spain*
- 11:30** - Prof. Gen. Giacomo Mammana - *Director - Military Hospital di Roma "Celio", Rome, Italy*
- 12:00** - Prof. Giovanna Della Porta - *Senior Researcher, Translational Medicine Laboratory, Dept. of Medicine, Surgery and Dentistry "Scuola Medica Salernitana", University of Salerno, Italy*
- 12:30** - Prof. Maurilio Sampaolesi - *Associate Professor, Stem Cell Biology and Embryology, KU Leuven, Belgium*
- 13:00** - Light lunch and POSTERS SESSION
- 14:15** - Prof. Joan Fontdevila - *Chief of the Plastic Surgery Department. "Hospital Clinic", Barcelona, Spain*
- 14:45** - Prof. Giovanni Nicoletti - *Assistant Professor in Plastic, Reconstructive and Aesthetic Surgery, Department of Clinical Surgical, Diagnostic and Paediatric Sciences, University of Pavia, Italy*
- 15:15** - Dott. Giuseppe Coppola - *Senior Researcher at CNR, Institute for Microelectronics and Microsystems, Naples, Italy*
- 15:45** - Dott. Antonio Baldi - *Senior Researcher IMB-CNM, Instituto de Microelectrónica de Barcelona, Spain*
- 16:15** - Coffee break
- 16:30** - Prof. Luc Teot - *MD, PhD, Assistant Professor of Plastic Reconstructive Surgery, Head Department of Plastic Surgery, Burns, Wound Healing, Montpellier University Hospital, France*
- 17:00** - Closure remarks
- 17:30** - Prof. Paolo Mazzarello: Visit to the historical museum, University of Pavia, Strada Nuova 65
- 20:00** - *Dinner**
- Reserved for speakers

DAY 2 – Saturday, June 17 – RAWINTS progress report

- 09.00** – Gemma Rius
- 09.30** – Gabriele Ceccarelli
- 10.00** – Vanja Miskovic - Christophe Minetti
- 10.30** – Coffee Break
- 10.45** – Simone Marini
- 11.15** – Other brief communications
- 12.30** – Prof. Rizzo and Dr Eyüp Kuntay Turmus - closing remarks

Venue: Palazzo Vistarino, Pavia

<http://cht.unipv.it/index.php/events/internationalconferencewoundhealing-en>