

**Medical design,
inventing care
solutions for
tomorrow**

20th November 2012
Cité du design, Saint-Etienne
Within the framework of the
XXVth Entretiens Jacques Cartier

Medical design, inventing care solutions for tomorrow

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Organization Committee

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Dominique MC GREGOR, Projects Manager, Bureau du design, City of Montréal

Topic

Design gives a new look on medical techniques and holds an outstanding potential of innovation. At the interaction of human being and object, design creates products and services adapted to the person, and contributes to improve the comfort of the patient's environment. Design obviously cannot have therapeutic effects as it is generally understood, but it is a mean to make the disease less alarming ; it enables to consider new modes of care, prevention and support for the patients and their family, in particular at home. This symposium proposes to develop the issue of medical design as an innovation driver to:

- Collaborate with research, innovating in the field of medical technologies (artificial organs, implants or biomaterials, etc.);
- work on the comfort and improvement of treatments for the patients, or imagine new diagnosis and intervention devices for doctors and medical staff;
- reconsider the notion of care and invent the context of evolution for the forthcoming medical practices

Partners

Saint-Etienne

IFRESIS, CHU Saint-Étienne, Université Jean Monnet - Faculté de médecine, École nationale supérieure des Mines de Saint-Étienne (ENSMSE), ICL, Institut Français du sang, Centre Ingénierie et Santé, Pôle des Technologies médicales, CETIM, Cluster I-care

Montréal

Bureau du Design, Ville de Montréal, Mission Design, CHU Montréal, CHU Montréal, Société des Arts Technologiques, Hôpital Sainte Justine, Campus des technologies de Santé

Programme

09H00/09H45 Welcome and registration

09H45/10H00

Maurice VINCENT, Senator and Mayor of Saint-Etienne, President of Saint-Etienne Metropolis and Cité du design Public Establishment of Cultural Cooperation
Ludovic NOËL, General Manager of Cité du design

10H00/10H45

Vito ORAZHEM, Managing Director, Design Zentrum Nordrhein Westfalen, Essen
Life science design

10H45/11H30

Prof. Dr Jacques DEMONGEOT, Responsible of the medical information Department, General Hospital of Grenoble
e-care, towards a translational personalized, predictive and participative medicine

11H30/12H00

Discussions and debates animated by **Laetitia WOLFF**, futureflair, New-York

Lunch

Session 1

Improving the everyday life for all

Session president

Alain DUFOUR, General Manager of Mission Design Québec

14H00/16H00

Sebastian PEICHL, Creative Consultant, Otto Bock medical science center, Berlin
Mobility for People - Designing Independence

14H20/15H00

Onny EIKHAUG, Programme Leader Design for All, Norwegian Design Council, Oslo
Inclusive design as a tool for innovation

14H40/15H00

Marie GERARD, Designer, Thuasne, Saint-Etienne
Design and medical textile

15H00/15H20 Pause

Session 2

Imagining a new environment for the patients

Session president

Dominique MCGREGOR, Project Manager, Bureau du design, City of Montreal

15H20/15H40

Patrick DUBE, Coordinator of *Living Lab* Société des Arts Technologiques / Ste Justine Hospital, Montréal
Digital pad developed with the children patients of Sainte-Justine Hospital

15H40/16H00

Jeroen RAIJMAKERS, Senior Creative Director for Phillips Healthcare, Eindhoven
Design for Life ; people focused innovation in healthcare

16H00/16H20

Rama GHEERAWO, Deputy Director, Helen Hamlyn Centre, Royal College of Art, London
Design, health and security

16H20/16H40 Pause

Session 3

Innovating facing the medical & healthcare stakes

Session president

Arnold BEAUDIN, Director of Economic and Urban development, City of Montreal

16H40/17H00

Xiaolan XIE, Head of Hospital Industrial Engineering, Center of Engineering and Health ENSMSE
Modeling of health care system and management of the flows

17H00/17H20

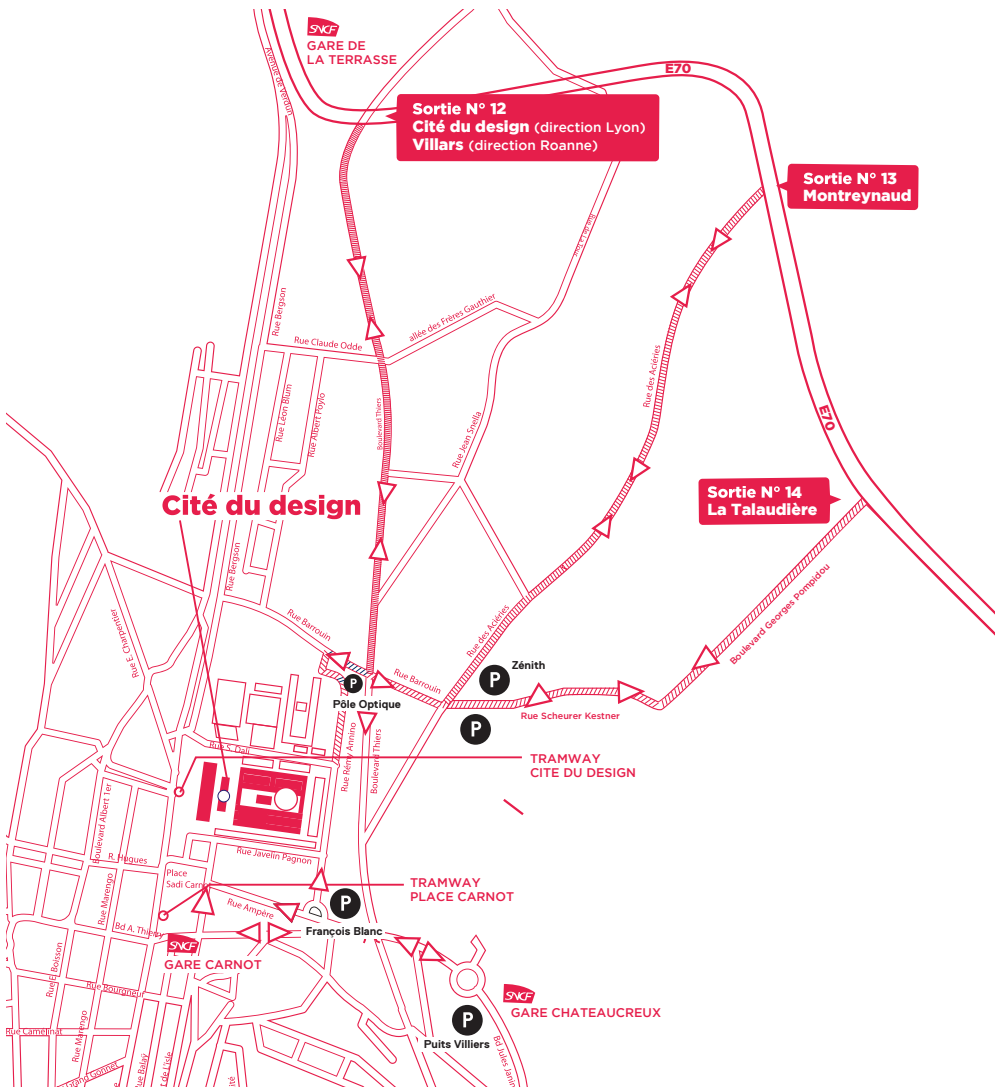
Mario GAGNON, Designer and founder of Alto Design Inc. Montréal
Medical design... great opportunities

17H20/17H40

Hitoshi KONOSU, Project Manager, Partner Robot Div., Toyota Motor Corporation, Nagoya
Development of Toyota Partner Robot for Nursing and Healthcare Assistance

17H40/18H00

Discussions and synthesis
Stéphane AVRIL, General Manager of Center of Engineering and Health ENSMSE



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Registration form

To be sent to Centre Jacques Cartier
before 31st October 2012

Conference N°7

Medical design, inventing care solutions for tomorrow

20th November 2012

Within the framework of
XXVth Entretiens Jacques Cartier

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care technologies - 19th November,
Lyon, organized by I-Care

N°7 : Medical design - 20th November,
Saint-Etienne, organized Cité du design

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