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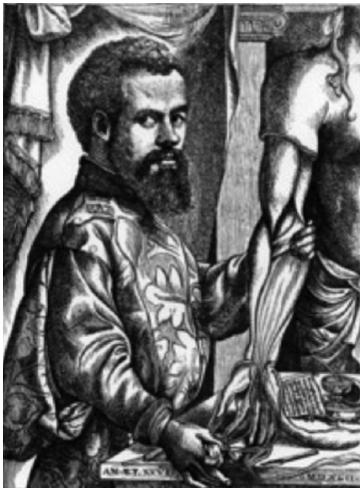
Federal Public Service Foreign Affairs, Belgium

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Traveling art exhibition "Fabrica Vitae"

S. Karger AG, Medical and Scientific Publishers



***The Permanent Mission of Belgium to the UN
The Consulate-General of Belgium in Geneva***

invite you to a

Vesalius Symposium

***The continuing influence of
"De Humani Corporis Fabrica"
on science and art***

on Wednesday, 13 May 2015

***at the Hotel Royal Manotel
Salon Rousseau B
41-43 Rue de Lausanne
CH – 1201 Genève***

Programme

17:30 - 18:00	Registration	18:50 - 19:05	<p>Andreas Vesalius, precursor of the living lab approach? by Lara Vigneron, Living Lab Well</p> <p><i>Five centuries ago Andreas Vesalius shared his insights and scientific knowledge through complete and detailed illustrations. He built his knowledge during anatomy experimentation labs based on de visu and de tactu observation. He confronted his knowledge with his peers, i.e. contemporary physicians, during lively discussions. Could a modern living lab have brought him more? Since 2006, the European Network of Living Labs (ENoLL) actively promotes the living lab approach. Applicable in various fields like health, this approach encourages interdisciplinary co-creation, inclusion of end-users at each step of the innovation process, and experimentation in realistic environments.</i></p>
18:00 - 18:05	<p>Welcome, by H.E. Bertrand de Crombrughe, Permanent Representative of Belgium to the UN</p> <p>Introduction of the speakers, by H.E. Danielle Haven, Consul-General of Belgium in Geneva</p>	19:05 - 19:20	<p>In search of Andreas Vesalius – Portraits and other Hoaxes, by Theo Dirix, Consul of Belgium in Athens, author of the book "In search of Andreas Vesalius – The quest for the Lost Grave"</p> <p><i>Andreas Vesalius did not travel to Jerusalem under pressure of the Inquisition, neither as penance nor escape. Upon his return, he did not die on a deserted beach in the Ionian Sea, the only victim of a shipwreck. What began as a poetic quest for his lost grave, did not only evolve into an ongoing search for his last resting place by scientists and archeologists, the quest has turned into a crusade against persistent inaccuracies and stubborn assumptions in Vesalius's biography.</i></p>
18:05 - 18:20	<p>Understanding the brain: the long journey from Vesalius to modern non-invasive brain scanning techniques, by Paul Suetens, Professor of Medical Imaging and Image Processing, Chairman of the Medical Imaging Research Center at the University Hospital Leuven, Head of the Division for Image and Speech Processing at the Department of Electrical Engineering of KU Leuven</p> <p><i>Vesalius's work the Fabrica owes its exceptional value to its scientific approach and graphical art. The last chapter nicely illustrates the anatomy of the brain. However, it did not answer appropriately questions about the brain function. In the next 500 years slow progress was made in understanding the brain and atlases continued to consist of manual drawings. To replace the graphical art works we had to wait until the introduction of three-dimensional imaging in the 1970s, which causes a revolution in brain atlas construction, knowledge about the brain and neurosurgery. Thanks to scientific research it has become possible to visualize brain activity and anatomical connections between different parts of the brain. Neurological diseases, such as stroke, Parkinson and Alzheimer, can be diagnosed on images. Three-dimensional virtual autopsies can be performed and the result of psychotherapy and deep brain stimulation to treat affective disorders can be visually assessed.</i></p>	19:20 - 19:35	<p>Vesalius Continuum - A Case Study, by Pascale Pollier-Green, President and co-founder of Biological and Medical Art in Belgium, President of the "Association Européenne des Illustrateurs Médicaux et Scientifiques"</p> <p><i>Vesalius recognized that dissecting and reconstructing the human body, muscle by muscle, was unraveling the very fabric of life, and widening our understanding of what it is to be human. Stepping forward in time 500 years, and inspired by the pioneer in the field of science and art, the artist and the scientist of today should also begin their days with no preconceptions about the possible outcome of their research. The open mind is the greatest tool of all faculties.</i></p>
18:20 - 18:35	<p>"Medical 3D-printing: the next step in bringing anatomy knowledge into surgery" by Sebastian De Boodt on behalf of Koen Engelborghs, Director Biomedical Engineering, Materialise NV</p> <p><i>Medical 3D-printing allows to reproduce and materialize the shape of a patient's anatomy. Just like Vesalius brought about a much deeper understanding of (generic) human anatomy, 3D-printing can bring a more detailed understanding of a specific patient's anatomy. Using a number of application examples (including surgery rehearsal, pre-operative bending of implants, surgical guides and patient-specific implants) we illustrate the challenges as well as the clinical benefits which this technology brings today and discuss its potential for the future.</i></p>	19:35 - 19:50	<p>Fabrica Vitae Pilot Film</p> <p><i>A group of contemporary, brilliant scientists and innovative artists is questioned about their work and what they perceive the future of "humanity and the physical human body" to be. It is fascinating to record their unique visions of man's mortality, decay and death.</i></p>
18:35 - 18:50	<p>Presentation by Philippe H. Kohl, Chairman of the Department of Medico-Economic Information at the University Hospital of Liège and Professor of Physiology and Biochemistry at the University of Liège</p>	19:50 - 20:05	Questions and Answers
		20:05 - 21:30	Reception
			<p>Selected art objects from the exhibition "Fabrica Vitae" will be on display, as well as "The Fabric of the Human Body" by D.H. Garrison and M.H. Hast, an annotated translation in English of Vesalius's original Latin masterpiece.</p>

Please make your registration before Monday 4 May :
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