

ANDREA NANETTI

School of Art, Design and Media at NTU, Singapore



Andrea Nanetti is Associate Professor at Singapore Nanyang Technological University School of Art, Design and Media and founding Vice-Director of the International Research Center for Architectural Heritage Conservation at Shanghai Jiaotong University. He is advisor to public and private institutions and individuals in Italy, Greece, and China on Heritage Science internationalisation projects. A historian by training (Medieval and Renaissance studies), Andrea Nanetti has both academic and entrepreneurial experience in helping to develop Heritage Science as a domain. His main research interest is in innovation and change in heritage interpretation processes.

As a scholar he applies interdisciplinary and trans-disciplinary methods to the study of *regional* man-heritage-landscape systems, *national* art-heritage-politics relationships, and *global* histories of intercontinental heritage networks. As an entrepreneur he adopts transnational and cross-disciplinary approaches in access to heritage (ICT tools, new media, and contemporary art), conservation-restoration (selection and coordination of Italian and other European masters for Chinese construction companies, establishment of artworks restoration labs in China), and support to heritage management (advisor to public and private institutions in strategic decisions).

CHEONG SIEW ANN

School of Physical and Mathematical Sciences at NTU, Singapore



Dr CHEONG Siew Ann was born in Singapore in 1969. After getting through his primary, secondary, and junior college education in Ama Keng Primary School, the Chinese High School, and Hwa Chong Junior College respectively, and thereafter a contract service with the Singapore Armed Forces, he studied physics at the National University of Singapore. He graduated in 1997 with a BSc (Hons) degree in physics, and went on to obtain his PhD in theoretical condensed matter physics from Cornell University in 2006. He then spent a year and a half as a

postdoctoral associate with the Cornell Theory Center, working on biological sequence segmentation, before joining the Nanyang Technological University as an Assistant Professor in Physics and Applied Physics in August 2007. His main research interest is in developing data analysis methods and toy models for understanding the dynamics of complex systems such as biological macromolecules, the brain, earthquakes, financial markets, and infectious diseases. In particular, he works extensively with high-frequency, large-volume time series data, to cluster them, segment them, and also to estimate complex networks based on significant events in such data. His other research interests are in the areas of computational physics and condensed matter physics.

JAN W. VASBINDER

Para Limes, Nanyang Technological University



Jan Wouter Vasbinder (1945) studied physics at the Technical University of Delft (1972). He started his professional career as a researcher in a nuclear laboratory. Until 1981 he worked in the nuclear industry in Israel and the Netherlands. In 1981 he was appointed Attaché for Science and Technology in Washington and Ottawa. In 1985 he returned to the Netherlands, to head an organization responsible for developing large and long-term cooperative industry university research programs. Subsequently he became member of the management team of the Dutch organization responsible for executing government innovation policies. In 1991 he became partner and then CEO of an interdisciplinary consultancy firm. In 1995 he co-founded Prisma & Partners, a firm dedicated to finding, strengthening, and mobilizing the innovative capacity of companies, consortia (e.g. of corporations and universities), government (related) organizations and regions. He invested much time in helping organizations to develop their strategies for the future.

In 2003 he initiated Institute Para Limes in Europe, and in July 2011 he moved to the Nanyang Technological University (NTU) in Singapore to become the director of the Complexity Program aimed at developing a Complexity Institute at NTU.

The Complexity Institute was spun-off on 1 April 2014.
The Complexity Program is now renamed Para Limes.

The joy in his work comes from finding new, potentially powerful, combinations of knowledge, and from developing programs to explore and exploit these combinations.

His motto is: "the value of knowledge is in its use". He is married and has four children.