ACADEMIA RESEARCH DAY

Wednesday 10 June - Seul 2020 - 20WCNDT

Frontiers of NDT
Chair V. Krstelj

1. Opening
G. Nardoni, Academia president, Italy

2. Laudatio for Takaaki Kajita
Uwe Ewert, Academia Council, Germany

3. Neutrinos - key particles for our understanding of the smallest particles and the largest Universe -
Takaaki Kajita, Director of the Institute for Cosmic Ray Research of The University of Tokyo, Japan, 2015: Nobel prize for Physics (together with Arthur McDonald)

4. Galileo Galilei Award to Takaaki Kajita
Presented by G. Nardoni, Academia president, Italy

5. Academia-NDT Break

Frontiers of NDT
Chair U. Ewert

1. Muography – A new radiographic NDT method for inspection of buildings, pyramids and volcanos
Ralf Kaiser, Lynkeos, UK

2. Modern Trends in UT inspection and imaging
Paul Wilcox, Bristol university, UK

3. A new generation of fast X-ray and particle imagers with single-quantum analysis for applications in space and non-destructive testing

4. Neutron Techniques for Materials Science and Non-destructive Testing
László Rosta, Budapest Neutron Centre (BNC), Hungary

Lunch Break

International Forum on NDT Education at Universities
joint meeting with ICNDT WG 3
(Chair Younho Cho, P. Trampus)

1. ICNDT strategy for NDT education at university and NDT at universities in Korea,
Younho Cho, President of WCNDT2020 and WG 3 of ICNDT

2. NDT Integrity Engineering – The Feasible Curriculum,
Peter Trampus, Past President of EFNDT, Council of Academia, Hungary,
Vjera Krstelj, President of Croatian Engineering Association, Croatia

3. NDT at universities in USA
Leonard J. Bond, Peter Collins, IOWA State university, USA

4. Experience with an International NDT Master Course in View of Research and Development
Christian Boller, University of Saarbrucken, Germany

5. Strategy for NDT education at universities in France
Philippe Duvauchelle, NDT specialized master, INSA, France,
Rachid El-Guerjouma, Mechanical engineering and acoustic, Le Mans University, France,
Serge DOS SANTOS, INSA Centre Val de Loire, France

Break

1. The Role of ASNT in Supporting NDT Education and Research in the US
Shant Kenderian, The Aerospace Corporation, ASNT engineering council, USA

2. Strategy for NDT education at universities in UK: An integrated education programme for NDT professionals
David Gilbert, BINDT, UK

3. The UK Research Centre for NDE (RCNDE)
Robert Smith, Bristol university, UK

4. Development and Practical Exploration of NDT Education at Universities in China
GAO Xiaorong, Southwest Jiaotong University, Chengdu, China

5. Strategy for NDT education at universities in India
Balasubramaniam Venkatraman, IGCAR, India

Panel discussion
Chair Shant Kenderian