

**„Evropský den vědy“
“European Research Day (ERD)”
středa 8. října 2014, 9:00-18:00
Kongresové Centrum Praha**

Velký sál (Big Hall)

- 9:00-9:05 **Guitar and Violin (5')**
- 9:05-9:10 **Presentation of ERD program**
Zdenek Prevorovsky (CNDT vice-president, ECNDT 2014 SciCom chair)
- 9:10-9:20 **ERD opening**
Giuseppe Nardoni (President of ACADEMIA NDT International)
- 9:20-9:35 **Presentation of 5 years activity of ACADEMIA**
Prof. Vjera Krstelj (Croatia)
- 9:35-9:40 **Guitar and Violin (5')**
- 9:40-10:00 **Peter Higgs and his Boson**
Prof. Jiri Chyla (Institute of Physics, Academy of Sciences of the Czech Republic)
- 10:00-10:45 **How my imagination anticipate CERN discovery (45')**
Lectio Magistralis : **Prof. Peter Higgs**
- 10:45-11:00 **Questions from the public**
- 11:00-11:20 **Coffee break**
- 11:20-11:25 **Guitar and Violin (5')**
- 11:25-11:45 **Presentation of CERN (20')**
(CERN representative)
- 11:45-11:55 **Award to professor Silk (10')**
- 11:55-12:40 **Memristor : New device with intelligence (45')**
Plenary lecture by **Prof. Leon Chua**
- 12:40-13:00 **Conclusion of ACADEMIA NDT session**
Giuseppe Nardoni
- 13:00-14:00 **Lunch**

Panorama Hall

- 14:00-14:10 **Opening of the afternoon joint ICNDT / NDT Academia workshop
“Importance of NDT Research”**
Mike Farley (ICNDT president)
- 14:10-14:30 **Significance of the European Research Program HORIZON 2020**
- 14:30-14:50 **A Landscape for the future of NDT in the UK economy**
Prof. Tony Dunhill (Rolls Royce and President BINDT)
- 14.50 -15.10 **NDE of lightweight components**
Dr. Marc Kreutzbrucke (BAM, Chair IIW Commission V)
- 15.10 -15.30 **NDT overview from Germany**
Prof. Tony Erhard (Vice-president DGZfP)
- 15:30-16:00 **Coffee break**

- 16:00 -16:20 **Status and prospect of nuclear energy industry in Korea**
Prof. Joon Hyun Lee (President of KSNT)
- 16:20-16:40 **NDT for French nuclear industry : Needs and trends for the future**
Etienne Martin (EDF)
- 16:40-17:00 **A view from USA Academic – Aerospace**
Stephen D. Holland and Leonard Bond (Center for NDE, Iowa State University)
- 17:00-17:20 **View from industry – ASNT perspective**
Roger Englebart (Boeing and President ASNT)
- 17:20-17:40 **Global view of NDT in power generation**
Robert Shannon, Dr. Claudio Laloni (Siemens Energy)
- 17:40-18:00 **Discussion and other actions**