

THTH

Teollisuuden hajautetun tiedonhallinnan yhdistys THTH ry
THTH Association of Decentralized Information Management for Industry

THTH Association Autumn Seminar 2018 THTH ry:n syysseminaari 2018

29.10.2018, VTT Digitalo, AP107,
Vuorimiehentie 3, Espoo

Agenda

- 13:00 Opening/Avaus, Matias Weckström, Andritz Oy (chairman)
- 13:05 Seminar program and a brief THTH review, Arto Marttinen, THTH
- 13:15 Newest VR-technology in plant engineering, Jari Laitinen, Jani Peltopuro, Pöyry Finland Oy
- 13:45 Hexagon's visualization approach for the digital transformation era, Waldir Pimentel Junior, Hexagon Ab
- 14:15 Coffee Break/Kahvitauko
- 14:30 Advanced data analytics and expert systems in plant engineering, Jukka K. Nurminen, VTT
- 15:00 Simulation-based Digital Twin – Demonstration of a twin enabled by 3D plant model and dynamic process simulator, Gerardo Santillan, Semantum
- 15:30 Technical information exchange in process industry – a brief review to national digitalization efforts, Arto Marttinen (THTH ry/Collaxion Oy)
- 15:50 Summary and closing of the seminar
- 16:00 THTH Annual autumn meeting – sääntömääräinen syyskokous

THTH briefly

- THTH is a nonprofit association supporting the development of distributed plant information management during the whole life cycle of an industrial asset from projects to operation and maintenance, openness of standardization and open-source applications for industry
- THTH develop and maintain technical information exchange
 - Prindex-project (2006)
 - Sefram-projects and Sefram platform
 - Engineering Rulez
 - Partizipation to the DBE Core ecosystem development
- National and international standardization networks and collaboration
 - CEN Orchid,
 - DEXPI, CFIHOS, ...
- THTH develop and maintain important open source applications for industry
 - SIMANTICS, Simulation Eclipse Public License EPL
 - SULCA, Sustainability tool for Ecodesign, Footprints & LCA



Current THTH members

Aalto University	Neste Engineering Solutions Oy
Andritz Oy	PSK Standardisointi ry
ATOR-Consultants Oy	Pöyry Finland Oy
Autodesk Inc	Semantum Oy
Aveva AB	SHI Foster Wheeler Energia Oy
BlueCielo ECM Solutions Oy	Siemens Turbomachinery Ab
Cadmatic Oy	Stora-Enso Oyj
Collaxion Oy	SWECO Industry Oy
Fennovoima Oy	Syncron Tech Oy
Fortum Power and Heat Ltd	Tampere University of Technology
Gasum Oy	Valmet Automation Oy
General Electrics (Switzerland) Ltd	Wapice Oy
Intergraph Finland Oy	Vertex Systems Oy
Kymdata Oy	Wirepas Oy
Masinotek Oy	VTT
MTECH Digital Solutions Oy	Yokogawa Electric Corp

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