

2024 Report by IFIP TC5 **Date: 07.10.24**

Title of TC/WG:

Information Technology Applications

Web-Site: **<https://ifip-tc5.org/>**

OCG Representative: Name, e-mail

Peter Hehenberger, peter.hehenberger@fh-wels.at

Aims & Scope:

This Technical Committee provides a focus for multi-disciplinary research into the application of information technologies and practices to facilitate information management - that is, to make it easier for people to have up-to-date knowledge, to be flexible, and to adapt.

Some non-exclusive examples include the following:

- Product Life-Cycle Management
- Digital Engineering / Digital Modeling and Simulation / Digital Manufacturing
- Computer Aided Product Realization
- Integrated Manufacturing / Production Management including Data Management for Production, Process Planning and Tools
- Virtual Product Creation, Visualization and Digital Verification of Product and Process
- Environmental Information and Decision Support Systems for Environmental Monitoring, Management, Research and Policy, including Risk and Crisis Management
- Virtual collaboration supporting the interaction between product, production, supply chain management, recycling and end of life disposal
- Enterprise integration to facilitate product realization

Officers (with e-mail):

<https://www.ifip.org/bulletin/bulltcs/memtc05.htm>

Chair:

Prof. Dr. Dimiter VELEV, BG
dgvelev@unwe.bg

Vice-Chair for IFIP/TC5 rewards

Prof. Dr. Erich J. NEUHOLD, DE
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Secretary

Dr. Philippe DALLEMAGNE, CH
Centre Suisse d'électronique et de microtechnique CSEM SA
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Communications, Publications & Events Officer

Dr. Peter HEHENBERGER, AT
University of Applied Sciences Upper Austria
peter.hehenberger@fh-wels.at

Austrian Members in the TC, WGs:

Appr. 8 members of WG (Peter Hehenberger, Susanne Altendorfer-Kaiser, Georg Weichhart, Gerald Schimak, Wilfried Winiwarter, Peter Kopacek, Milan Stehlik, Alexander Schatten)

- 2 member of the Executive Committee (Erich J. Neuhold: Vice-Chair for IFIP/TC5 rewards, Peter Hehenberger: Communications, Publications & Events Officer).
- Georg Weichhart is chair of Working Group 5.8: "Enterprise Interoperability".

Austrian IFIP TC5 member participate to WG5.1, WG5.7, WG5.8, WG5.11, WG5.12, WG5.13 and WG5.14

- WG 5.1 Global product development for the whole life-cycle
- WG 5.7 Advances in Production Management Systems
- WG 5.8 Enterprise Interoperability
- WG 5.11 Computers and Environment
- WG 5.12 Architectures for Enterprise Integration
- WG 5.13 Bio Informatics and its Application
- WG 5.14 Advanced Information Processing For Agriculture

Financial:

Main Items of the Budget

nothing to report

Awards including WG Awards:

nothing to report

Main Activities:

62nd IFIP TC5 Full Meeting, December 12th, 2022 7:00-16:00+ GMT (8:00-17:00+ CET), Vienna, Austria (<https://ifip-tc5.org/>) (No meeting took place in 2023)

WG 5.1: Program Committee IFIP 21st International Conference on Product Lifecycle Management 7-10 July 2024 in Bangkok, Thailand

<http://www.ifip-wg51.org/>

<https://www.plm-conference.org/>

Editorial Board International Journal of Product Lifecycle Management

<https://www.inderscience.com/jhome.php?jcode=ijplm>