

Curriculum Vitae

Felix Nyffenegger

Title Prof. Applied Science
Dr. sc. ETH

Name Nyffenegger

Surname Felix

Address

Phone

E-Mail

Place of birth

Martial status



Work experience

2019 – today

Head of institute IPEK, Institute for product development and design, head of research commission of department of engineering

2014 – today

Professor for product development, PLM and CAx at OST University for applied science eastern Switzerland. Partner at IPEK (Institute for product development and design). Chairman of “Verein VPE/PLM Swiss”. Lead of PLM team, including previous work experience 50+ consulting initiatives in DACH region.

2012 – 2013

Intelliact AG, Zürich: Head R&D. Development of a web application framework to integrate enterprise IT Systems, automation of 3D data generation.

2006 – 2013

Intelliact AG, Zürich: Senior PLM Consultant. Vendor agnostic consulting and project execution in product lifecycle management Beratung. Experience in 20+ projects in 18 customer companies.

2003 – 2006

Scientific assistant at ETH Zürich, Center for Productdesign. Lecturer in “product design”.

Education

2003 – 2006

Dissertation: „Informationstechnische Unterstützung der frühen Phasen der Produkt-Innovation“ at Center for Productdesign of ETH Zurich, Supervisors Prof. Dr. Markus Meier, Prof. Dr. Roland Siegwart, D-MAVT, ETH Zürich

1997 – 2003

Master of science in mechanical engineering at ETH Zurich (D-MAVT), Specialization in “digital product engineering” und “renewable energies”.

1993 – 1997

Matura Typus B at Kantonsschule Kreuzlingen

Expert committees

President: Verein PLM/VPE* Swiss (<https://www.vpeplm.ch/>)

- Annual organization of «Swiss VPE/PLM Symposium»
* PLM = product lifecycle management, VPE = virtual product development, focusing on design and simulation of 3D product representation.

Board member: IFIP Workgroup 5.1 on Product Lifecycle Management

- Organization of «Internal Conference on PLM 2020»
- Chief Editor of book “PLM Enabling Smart X”

Member of scientific committee:

Journal of Manufacturing Technology Management, Emerald Insight
International Journal of Product Lifecycle Management, Inderscience

Co-Founder of DigitalLab@OST ()

Publications

- [1] Nyffenegger Felix, Ríos José, Rivest Louis, and Bouras Abdelaziz, *Product Lifecycle Management Enabling Smart X*, vol. 594. Cham: Springer International Publishing, 2020. doi: 10.1007/978-3-030-62807-9.
- [2] R. Hänggi, F. Nyffenegger, F. Ehrig, P. Jaeschke, and R. Bernhardsgrütter, “Smart Learning Factory – Network Approach for Learning and Transfer in a Digital & Physical Set up,” 2020. doi: 10.1007/978-3-030-62807-9_2.
- [3] C. Lemaire, L. Rivest, C. Botton, C. Danjou, C. Braesch, and F. Nyffenegger, “Analyzing BIM topics and clusters through ten years of scientific publications,” *Journal of Information Technology in Construction*, 2019, doi: 10.36680/j.itcon.2019.015.
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- [11] B. Fradl, A. Sohrweide, and F. Nyffenegger, "PLM in education – the escape from boredom," 2017. doi: 10.1007/978-3-319-72905-3_27.
- [12] F. Nyffenegger, N. Jamali, C. Kobe, and M. Meier, "Towards an IT Supported Fuzzy Front End of Product Development," 2005.
- [13] M. Imboden, B. Fradl, and F. Nyffenegger, "Closing the lifecycle loop with installed base products," 2018. doi: 10.1007/978-3-030-01614-2_32.
- [14] F. Nyffenegger, R. Hänggi, and A. Reisch, "A Reference Model for PLM in the Area of Digitization," in *IFIP Advances in Information and Communication Technology*, 2018, pp. 358–366. doi: 10.1007/978-3-030-01614-2_33.
- [15] F. Nyffenegger, L. Rivest, and C. Braesch, *Identifying PLM themes, trends and clusters through ten years of scientific publications*, vol. 492. 2016. doi: 10.1007/978-3-319-54660-5_52.
- [16] F. Nyffenegger, N. Jamali, C. Kobe, and M. Meier, "Towards an it supported fuzzy front end of product development," in *Proceedings ICED 05, the 15th International Conference on Engineering Design*, 2005, vol. DS 35.

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