

DI Dr. Dieter Hayn, MBA

Co-Investigator

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Research Interests

- Data Science and AI in health and care applications
- Biosignal Processing
- Telehealth
- Privacy preserving research infrastructures

Education

- 2002 MSc in Biomedical Engineering at the Technical University of Graz
- 2007 PhD in Biomedical Informatics at the Medical Informatics at the Health and Life Sciences University Hall in Tyrol (UMIT)
- 2016 MBA in Health Care and Hospital Management at the Medical University of Graz

Work Experience

- 2018- Senior Scientist at the AIT Austrian Institute of Technology
- 2005- Lecturer for eHealth, mHealth, Biosensors at the FH Joanneum Graz
- 2003-2017 Scientist at the AIT Austrian Institute of Technology
- 1999-2017 Lecturer for Trampolining at the University of Graz
- 2012 Lecturer for Biomechanics at the BSPA Vienna
- 2002-2005 Research fellow for cardiac modelling at the UMIT

Selected Research Projects

- **EJP-RD:** European Joint Program for Rare Diseases (EC) – Project team member
- **EPICURE:** Electronic personalized interventions for cardiovascular rehabilitation (FFG) – Project leader
- **HIS-PREMO:** Hospital Information Systems – Predictive Modelling (FFG) – Project leader
- **CBmed:** Center for Biomarker Research in Medicine (FFG) – Project team member
- **HEALTHeBIKES:** Einsatz Herzfrequenz-gesteuerter eBikes in der Rehabilitation (SFG) – Project team member
- **Stand-up & Go:** Quantifizierung der Auswirkungen von Polypharmazie auf Frailty-Scores bei alten Menschen (SFG) – Project team member
- **iStopFalls:** ICT-based system to predict & prevent falls (EC) – Project team member

- **WUDOKU:** Wunddokumentation zur Guideline-konformen Prophylaxe und Pflege von Dekubitus durch Slow-goes- und No-goes-Empowerment (FFG) – Project leader
- **HI-Sens:** Innovative Sensorik zur Quantifizierung kardialer Regelungsmechanismen bei Herzinsuffizienz (SFG) – Project leader
- **Health@Home:** Heimbasiertes Krafttraining für ältere Personen als Fortsetzung der Herz-Kreislauf Rehabilitation (FFG) – Project team member
- Various research projects in the field of European research network for rare diseases (project leader / project team member)

Professional and Academic Associations

- Head of the Working Group for Biomedical Data Analytics at the Austrian Society of Biomedical Engineering:
- Head of the Organizing Committee of the eHealth20xx / dHealth conference
- Member of the Scientific Program Committee eHealth20xx / dHealth conference
- Member of the Working Group on e-Cardiology at the European Society of Cardiology
- Member of the Technical Program Committee of HealthInfo 2016
- Member of the Steering Committee HealthInfo 2017-2018
- Member of the Program Committee of the Forum Medizintechnik 2014-2015

Publications

- <https://orcid.org/0000-0003-1822-9033>