

LIESEL BECKMANN
SYMPOSIUM 2018

Technology, Cognition and Dementia

Technologie, Kognition und Demenz

December 12, 2018 Klinikum rechts der Isar **Munich**

13:30 – 18:00 Talks | 18:00 Get-together

Participants



Prof. Janine Diehl-Schmid is associate professor of Psychiatry. She is co-head of the Center for Cognitive Disorders at the Department of Psychiatry of the Klinikum rechts der Isar, TUM. Her research focus is on neurodegenerative dementia, including rare and young onset dementias, aiming on the improvement of patient and caregiver wellbeing. She is author and co-author of app. 150 publications.



Prof. Nicola Lautenschlager is professor of Psychiatry of Old Age and director of the Academic Unit for Psychiatry of Old Age and Deputy Head, Department of Psychiatry, University of Melbourne. She is also a consultant old age psychiatrist and director of the Research in the Aged Persons Mental Health Program of NorthWestern Mental Health, Melbourne Health. Since 2016, she has been an Anna Boyksen Fellow of the TUM Institute for Advanced Study. In 2018 she was appointed director of research and research training at the Melbourne Medical School. She has a special interest in dementia risk reduction and leads the University of Melbourne's site of the NHMRC Centre of Excellence in Cognitive Health.



Prof. Gordon Cheng holds the chair of Cognitive Systems at TUM. He is founder and director of the Institute for Cognitive Systems in the Department of Electrical and Computer Engineering at TUM. He is also the coordinator of the Center of Competence for Neuro-Engineering within the department, and program director of the ENB Elite Master of Science program in Neuroengineering. He is involved in a number of major European Union projects. Over the past years, Gordon Cheng has been the co-inventor of approximately 20 patents and is the author of approximately 300 technical publications, proceedings, editorials and book chapters.



Prof. Hans Förstl was born in Munich and this is where he has spent most of his career. After studying medicine, he specialized in neurology and then moved on to psychiatry and psychotherapy. His research focus is on dementia and other age-related neuropsychiatric problems. He has been head of the Department of Psychiatry and Psychotherapy at TUM since 1997.



Dr. Henriëtte van der Roest (PhD) is a social psychologist. In 2009 she finished her PhD at VU University Medical Center/GGZ Buitendamstel on care needs of community dwelling people with dementia and their carers and the development and evaluation of an interactive information system for dementia care services in the community. From 2009 until 2018, she worked as a researcher at the Amsterdam UMC (former VU University Medical Center) at the Department of General Practice and Elderly Care Medicine on various European-funded international studies. Her research focus is on the quality of long-term care and assistive technology for people with dementia and carers. Since 2012, she has also worked as a senior researcher at ZorgDNA, a research agency specialised in customer satisfaction research in the Dutch health care.



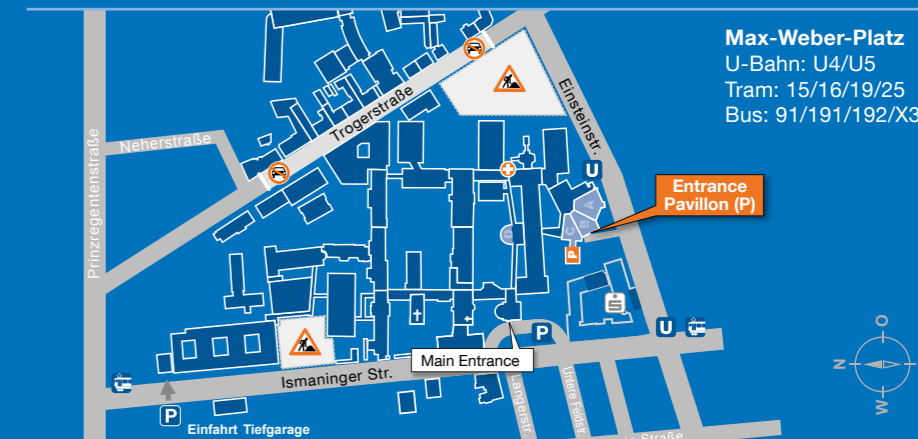
Dr. Winfried Teschauer has been Head of Sciences of the Ingenium®-Foundation in Ingolstadt for more than a decade. The foundation focuses on several issues of dementia, such as dementia in acute hospitals, young onset dementia, digitisation and prevention. He is also a member of the board of the German Alzheimer's Association. Winfried Teschauer received a diploma degree in biology from TUM followed by a Dr. rer. nat in neurobiology. For more than a decade, he held postdoc positions at the Department of Clinical Chemistry and Clinical Biochemistry, and the Arbeitskreis Notfallmedizin und Rettungswesen (ANR) at the University of Munich's hospital.



Prof. Alexander Kurz is a professor of Psychiatry at the Klinikum rechts der Isar, TUM. He has co-founded and directed one of the first memory clinics in Europe. During these years, his main research interests were the improvement of pharmacological and non-pharmacological treatments for people with dementia, including carer support. Currently, he is coordinating several transnational projects on dementia care in South Eastern Europe. Dr. Kurz has been a long standing board member of the German Alzheimer's Association.

- 13:30 **Begrüßung / Opening**
Janine Diehl-Schmid
Department of Psychiatry and Psychotherapy, TUM
Nicola Lautenschlager
Department of Psychiatry, University of Melbourne
- 13:45 **Parallels in a sense of body and a sense of mind in robots and in humans**
Gordon Cheng, *Cognitive Systems, TUM*
- 14:10 **Assistive technologies in dementia: The present**
Henriëtte van der Roest, *ZorgDNA, Utrecht*
- 14:45 **Digitization and dementia: The future**
Winfried Teschauer, *Ingenium Stiftung Ingolstadt*
- 15:10 **Do people mind if there is no other self?**
Hans Förstl, *Department of Psychiatry and Psychotherapy, TUM*
- 15:30 Kaffeepause / Coffee Break
- 16:00 **Technologie und Demenz: Ethische Aspekte**
Alexander Kurz, *Center for Cognitive Disorders, Department of Psychiatry and Psychotherapy, TUM*
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- 16:20–17:40 **Kurze Projektvorstellungen**
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- 16:20 **InsideDEM – Verstehende Diagnostik und assistive Technologien für den Umgang mit herausforderndem Verhalten von Menschen mit Demenz**
Sebastian Bader, *MMIS, Computer Science, Rostock University*
- 16:30 **Das AAL Living Lab der Hochschule Kempten und weitere Aktivitäten zur Digitalisierung und Technik in der Pflege**
Petra Friedrich, *AAL Labor CoKeTT and Laboratory for Acoustics, University for Applied Sciences, Kempten*

- 16:50 **Ergebnisse und integrative Effekte eines interdisziplinären Forschungsprojekts zur Mobilisierung von Menschen mit Demenz und deren Angehörigen durch einen Videospiele-basierten Ansatz**
David Unbehauen, *Institute for Socio-Informatics, University of Siegen*
- 17:00 **RHAPSODY-plus: Online-Beratung für Angehörige von jüngeren Menschen mit Demenz**
Nicola Lautenschlager, *TUM-IAS / University of Melbourne*
- 17:10 **„Schritt für Schritt“ – Augmented Reality zur Unterstützung von Alltagsaufgaben bei Patienten mit Alzheimer-Erkrankung**
Nina Rohrbach, *Chair of Human Movement Science, TUM*
- 17:20 **Wie die Integration von Zukunftstechnologien in der Pflege gelingen kann**
Marlene Klemm, *Pflegepraxiszentrum Nürnberg*
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- 17:40 **Fördermöglichkeiten im Bereich Technologie und Demenz**
Maria Marlene Bohrer-Steck, *Center Digitalization Bavaria, Garching*
- 17:55 **Zusammenfassung / Summary**
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- 18:00 **Get-together**



Location

Klinikum rechts der Isar, Pavillon, Munich, (Entrance: Einsteinstraße)

Organization

Prof. Janine Diehl-Schmid, Center for Cognitive Disorders,
Department of Psychiatry and Psychotherapie,
Klinikum rechts der Isar, TU München

Prof. Nicola Lautenschlager, Psychiatry of Old Age, University of Melbourne
Anna Boyksen Fellow of the TUM Institute of Advanced Study

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