

## Registration

- The participation in this seminar is **free of charge**, as the seminar costs will be covered by the Institute of Business Economics and Industrial Sociology as well as the Faculty of Mechanical Engineering and Economic Sciences of TU Graz.
- Registration is open from **now until October 17<sup>th</sup> 2023**.
- The number of on-site participants is limited to the max. of **12 persons**. The „first registration - first serve“ principle will be applied, as long as the participants fit into the target group.
- Registration is managed by Amila Omazic, BSc. MSc. E-mail: [amila.omazic\(at\)tugraz.at](mailto:amila.omazic(at)tugraz.at)

## Venue

Graz University of Technology  
BWL Seminar Room (NT02100)  
Kopernikusgasse 24, 2<sup>nd</sup> Floor  
8010 Graz, Austria

## Organisation

Graz University of Technology  
Working Group “Industrial Marketing, Purchasing and Supply Management“ of the Institute of Business Economics and Industrial Sociology

For any questions regarding the seminar please do not hesitate to contact

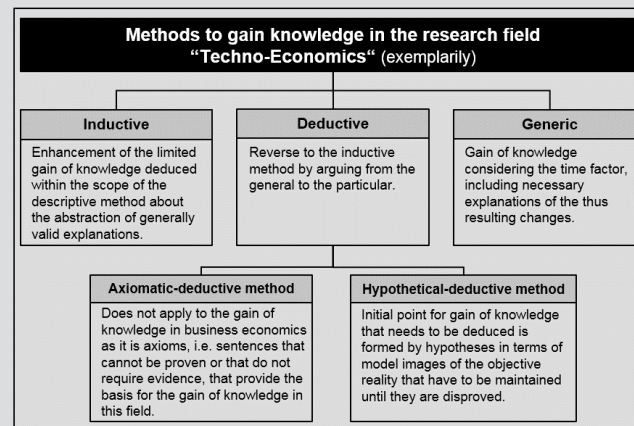
Prof. Dr. Bernd M. Zunk  
E-Mail: [bernd.zunk\(at\)tugraz.at](mailto:bernd.zunk(at)tugraz.at)



## Techno-Economic Research Methods

Methods are considered crucial to every scientific discipline as they **ensure rationality and verifiability of scientific findings**.

At a glance, the following figure illustrates a selection of the **key methods** within Business Economics (and, thus, of Techno-Economics and Management Science). Of course, both abstract methods and models used to reproduce complex economic realities in a simplified way are indispensable in Business Economics/ Techno Economics/ Management Science.



This might give you a short impression of why this research seminar could be useful for your future research and teaching career.

## Inter-University Research Seminar



Date: 17.11.2023

## Goal of this Seminar

The seminar „Seminar on the Systematic Planning and **Realization of Dissertation Projects in Techno-Economics** and Management Science“ focuses on the **holistic planning of research projects** in Techno-Economics and Management Science with a focus on dissertations in the form of monographs or cumulative research studies.

Moreover, the participants will be able to recall the **general structure of a dissertation, assess different research methods**, and understand **different statistical analysis procedures**.

A special focus is placed on the use of **modern software** in the **research process**. Furthermore, success factors and “**Dos and Don'ts**” in the research process will be discussed.

## Target Group

This workshop is designed for **IEM master's and PhD students / early stage researchers** who will need to prepare posters or submit conference papers that convey their ideas clearly and concisely in academic English. Students who would like to improve their skills in these areas are also encouraged to apply.

## Schedule

Friday, November 17<sup>th</sup>, 2023

### Session 1 (8:30am to 10:00am)

- Introduction: Scientific Research Process

### Session 2 (10:15am to 11:45am)

- Overview: Quantitative and Qualitative Research Methods

*Lunch*

### Session 3 (1:00pm to 2:30pm)

- Software for Scientific Research

### Session 4 (2:45pm to 3:30pm)

- Individual Coaching and Case Studies

## Lecturer

### Manuel Woschank

received a Ph.D. in Management Sciences with summa cum laude from the University of Latvia and the Habilitation in Industrial Engineering and Management from the Montanuniversität Leoben. He is currently



Deputy Head of the Chair of Industrial Logistics at the Montanuniversität Leoben and an Adjunct Associate Professor at the Faculty of Business, Management, and Economics at the University of Latvia. His research interests include the areas of logistics systems engineering, production planning & control, smart logistics concepts and technologies, circular economy and the decarbonization of logistics, behavioral decision-making, and engineering education.

## Teaching Experience

Manuel Woschank's teaching experience includes basic courses as well as advanced courses in the field of industrial logistics at Montanuniversität Leoben. Externally, he teaches courses on advanced research methods at the University of Latvia and courses on strategic management, purchasing, and logistics at other universities and colleges.