

**13. - 14. March 2024**

Interdisciplinary Symposium for  
Women in STEM Fields

**isina**



# PREFACE

## Information. Networking. Exploring new opportunities.

Every spring since 2014, the University of Technology Chemnitz has become a meeting place for dedicated and career-oriented women in science and research. Female students, young researchers and women who already hold leading positions exchange ideas on current topics in science and research at the Interdisciplinary Symposium for Women in STEM fields (ISINA). Various networking formats invite you to generate knowledge, develop ideas together and make new contacts.

The initiators of the ISINA, Professor Olfa Kanoun (Chair of Measurement and Sensor Technology) and the Equality Commissioner of TUC, Karla Kepsch, focus on the combination of professional know-how and career-relevant soft skills. Expert lectures from different scientific disciplines provide an insight into future-oriented research fields and the latest scientific developments, while various workshops complete the creative exchange and provide the participants with ideas for their personal development.

The "Verein zur Förderung von Gender und Diversity am Zentrum für Chancengleichheit in Wissenschaft und Forschung (ZfC) an der Technischen Universität (TU) Chemnitz e.V." cordially invites you to attend the on-site symposium. Shape your future and look forward to impulses of innovative ways of working, exciting workshops, meeting potential future employers as well as stimulating discussions and successful networking with our initiators, supporters and participants.



Prof. Olfa Kanoun  
Professorship Measurement  
and Sensor Technology



Dipl.-Päd. Karla Kepsch  
Equality Commissioner and  
Women's Representative

13. MARCH 2024  
Wednesday

# PROGRAMME

DAY  
1

Welcome and Opening Lecture \*

09:00 – 10:15

NN

Break

10:15 – 10:45

## PARALLEL LECTURES

10:45 – 12:00

10:45

V1: "Functional surfaces produced by  
High Speed Blanking?!"  
Dr. Lisa Winter  
(University of Technology Chemnitz)

V2: "Software Defined Vehicles –  
Opportunities and Challenges"  
Dr. Katharina Wagner  
(Vector Informatik GmbH)

11:30

V3: "Temporal AI for health"  
Prof. Myra Spiliopoulou  
(Otto von Guericke University  
Magdeburg)

V4: "NN"  
Prof. Saffa Shoaei  
(University of Potsdam)

Lunch Break

12:00 – 12:45

## WORKSHOPS (Soft Skills)

12:45 – 16:00

**Networking and Selfmarketing \***  
Dr. Alexander Egerling

W1

**Design Thinking Workshop - neue Lösungsräume  
systematisch und kreativ entwickeln**

Dr. Martin Sterzel | Saxeed

W2

\* Will be held in English.

Updated February 2024: Please note possible changes in the conference programme.

Further information about the lectures are on this page: [www.tu-chemnitz.de/isina](http://www.tu-chemnitz.de/isina)

09:00 – 10:15

## PARALLEL LECTURES

V5: "Tailoring the electronic structure of epitaxial graphene on SiC"  
Dr. Kathrin Küster  
(Max Planck Institute for Solid State Research, Stuttgart)

V6: "NN" \*  
Prof. Dr. Fleurianne Bertrand  
(University of Technology Chemnitz)

V7: "Process mining to analyze unstructured data"  
Prof. Agnes Koschmider  
(University of Bayreuth)

V8: "From Avatars to Humanoid Robots - The Culture of Robotics Research"  
Prof. Ulrike Thomas  
(University of Technology Chemnitz)

V9: "Development Of Cyclic Peptides To Therapeutically Target the Complement System"  
Jun.-Prof. Dr. Christina Lamers  
(Leipzig University)

9:00

9:45

10:15 – 11:15

Networking break with speed dating Event \*

11:15 – 12:15

Guided visits to various laboratories \*

12:15 – 12:45

Lunch

12:45 – 16:00

## WORKSHOPS (Soft Skills)

W3

### Storytelling in der Wissenschaft

Tina Schwarz | Saxeed

W4

### The Voice as an Instrument for Scientists \*

Julia Baumeister

W5

### Designing Effective Academic Posters \*

Birgit Lukowski

\* Will be held in English.

# SOFT SKILL

## WORKSHOPS

### W1

#### Networking and Selfmarketing | Dr. Alexander Egeling

Unfortunately, it is often not enough to simply do a good job. In an increasingly confusing world, you can only get important information as well as cooperation and job offers if you are known and net-worked. This does not mean that you have to chum up and impose yourself, but that you should do something to be noticed. This ranges from everyday behavior in the workplace, to attending conferences and trade fairs, to promoting yourself online and offline. This course therefore aims to teach the basics of networking and self-marketing and give participants the chance to think about their own strategies and priorities. In addition to an overview of the topic, some quick wins will also be presented that can be used to score points even shortly before the end of the promotion.



### W2

#### Design Thinking | Dr. Martin Sterzel

In einer Zeit der Ungewissheit gewinnen agile Lösungsentwicklungscompetenzen an Bedeutung. Durch den Einsatz von Design Thinking erkunden wir komplexe Probleme und entwickeln iterativ Lösungsmöglichkeiten, die die Aspekte Erwünschtheit, Machbarkeit und Tragfähigkeit vereinen. Innerhalb interdisziplinärer Teams wird ein Verständnis für eine vorgegebene Problemstellung erarbeitet, gefolgt von der Entwicklung erster erlebbarer Lösungsideen. Ziel des Workshops ist es, den Design Thinking Prozess und seine Phasen kennenzulernen und erstmals anzuwenden.



# SOFT SKILL

## WORKSHOPS

### W3

#### Storytelling in der Wissenschaft – So mitreißend kann Forschung sein | Tina Schwarz

„Storytelling ist eine der ältesten und erfolgreichsten Arten der Kommunikation. Der Workshop Storytelling in der Wissenschaft basiert auf dem Prinzip, Forschungsprojekte in Geschichten einzubetten, die Leser:innen persönlich berühren, Bilder im Kopf erzeugen und somit besser in Erinnerung bleiben, als eine Liste von Fakten. Ziel ist es die Forschungsfrage so anschaulich zu erzählen, dass sie das Interesse des Gegenübers weckt und gleichzeitig das Verständnis verbessert.



### W4

#### The Voice as an instrument for Scientists | Julia Baumeister



For scientists, the voice is perhaps the most important means of communication and part of their daily work. Nevertheless, most frequent speakers know very little about how the voice works and how to protect and train it. However, incorrect vocal strain can lead to hoarseness, pain and sometimes loss of voice.

In this practical workshop, participants learn how to use their own voice in a way that conserves resources, find out the parameters for healthy voice use and learn how to strengthen their own voice and keep it healthy through practical exercises.

The focus here is on the functional aspect of the voice on the one hand and the connection between body, emotion and voice on the other. The latter plays a decisive role, especially in stressful situations. Last but not least, the fun of using the human voice and its possibilities should also be experienced!

### W5

#### Designing Effective Academic Posters | Birgit Lukowski

Poster sessions are an integral part of almost every scientific conference. Their purpose is to highlight research results, visualize them, and stimulate discussion. To draw your audience in, you need a crystal-clear message, a text format optimized for the best possible readability and well-chosen graphics. And above all, you need to think well through how to organize your research content on the required paper or e-poster format. Basic rules of graphic design and layout technique will help you to present your research visually well organized and compelling. The course will equip you with both the concepts and the practical design skills and provides the possibility to put directly into practice what you have learned as well as to get useful feedback from group and trainer.



# Registration

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## Audience

The symposium is addressed to female experts from science, female specialists and managers from business and industry as well as young female scientists and students of natural science and technical subjects. You can find more information about the registration at:

[www.tu-chemnitz.de/isina](http://www.tu-chemnitz.de/isina)

Please indicate which workshops you would like to attend when you register.

**Registration deadline  
is 29th February 2024**

## Participation fees:

- Female students (up to Master`s or Diploma level): 20€
- doctoral students: 50€
- female research assistants: 90€
- female Professors : 130€
- female specialists from industry: 175€

# CONTACT

## Your contact person

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## ISINA venue

TU Chemnitz

Adolf-Ferdinand-Weinhold-Bau

Reichenhainer Straße 70

09126 Chemnitz

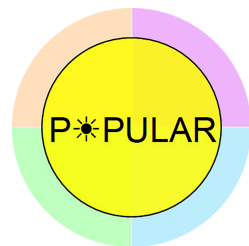
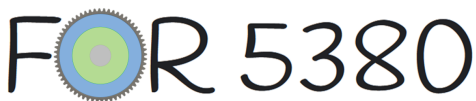




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