IEEE Austria Section
News

Michaela Niedermayer

IEEE WIE Best Paper Award at CESCG 2019

Michaela Niedermayer wurde für ihr Paper "Real-Time Shadows for Large-Scale Geospatial Visualization" prämiert, welches sie im Rahmen ihres Praktikums und ihrer Bachelorarbeit in der Forschungsgruppe Integrated Simulations verfasste.

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Short report:
First Austrian IFIP AI Forum, May 2018, Vienna

According to initial objectives the 13 speakers from IEEE, EU, academia and companies covered a large spectrum of AI with perfect mix of theoretical reflections, trends and operational applications for health care, transportation, retail efficiency, computer games and robotics. Each talk included a discussion on the impact of AI on society in terms of

reasoning, assistance, entertainment, influencing behaviors and synergy human-machine. It was decided that the next Austrian AI Forum will take place in 2020.

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IEEE Section Austria is supporting student activities

The IEEE Austria Section is supporting students in enhancing their career and setup innovative events together with their study colleagues by offering two award programmes specifically designed for them.

The **IEEE Austria Student Mobility and Conference Grant** support section student members to participate at conferences, workshops and other educational activities in the fields of IEEE and related. The goal is to assist applicants to advance their education, make international contacts and gain additional experience. **Deadlines for submissions are 1st of February, 1st of June and 1st of September** each year.

The **IEEE Austria Student Branch Award** encourages innovative new concepts applied by the Student Branches and activities or events creating positive impact for students. If students created some cool new events or did something special they can contact the local student branch or the student branch coordinator . They will be happy to integrate their efforts and apply in one of the categories of the Student Branch Award. **Deadline for submission is the 15th of September** .

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Lectures and Presentations

Simero 2019
Summer School on Singularities of Mechanisms and Robotic Manipulators

From Monday, 29. July 2019 To Friday, 2. August 2019
Location: Institute of Robotics, Johannes Kepler University Linz, Austria
Singularity analysis is a central topic of mechanism and robot kinematics. It provides an insight of major practical and theoretical importance for the design, control, and application of robot manipulators. In special configurations, known as singularities, the kinetostatic properties of a mechanism undergo sudden and dramatic change. Hence the

enormous practical value of the careful study and thorough understanding of the phenomenon for the design and use of manipulators.

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About the control of continuous, sequential and reactive behaviors for robot systems

From Monday, 29. July 2019 Wednesday, 9. October 2019, 08:00
Lakeside Science & Technology Park, 9020 Klagenfurt, B13b, JOANNEUM RESEARCH - ROBOTICS, Lab
Dr.-Ing. Raphael Deimel, team leader of the MTI-engAge group at TU Berlin, Germany, will give a talk about the control of continuous, sequential and reactive behaviors of robot systems. For this work he was honoured with the Best Paper Award at this year's Austrian Robotics Workshop.

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Conferences

ConTEL 2019
15th International Conference on Telecommunications

From Wednesday, 3. July 2019 To Friday, 5. July 2019
Location: Graz University of Technology, Institute of Microwave and Photonic Engineering, Inffeldgasse 12, 8010 Graz, Austria
The ConTEL 2019 aims to reflect on current and emerging networking technologies that enable ubiquitous Internet and communications as key drivers of connected information society. With new services and increasing demand, there is a growing need for improvement in networking infrastructure – not just in terms of quality and performance, but also in scalability, mobility, energy efficiency, and multiple technologies integration...

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IEA/AIE 2019

32nd International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems

From Tuesday, 9. July 2019 To Thursday, 11. July 2019

Location: Graz University of Technology, 8010 Graz, Austria

Artificial Intelligence provides us with powerful means to assist us in tackling complex problems and even allows us to create autonomous system for such tasks. Applications range from applying machine learning in various fields like graphic object recognition, via automated diagnostics to identify and mitigate issues, to the autonomous control of cars, robots, subways, or rovers exploring other planets and unsafe regions like burning tunnels...
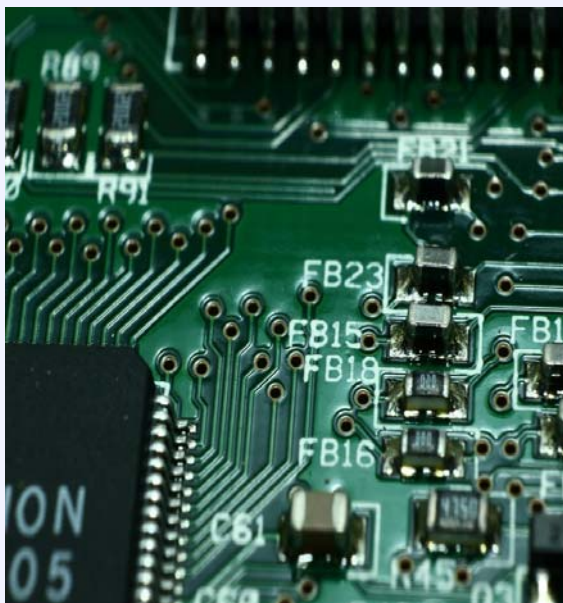
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RTSI
5th International Forum on Research and Technologies for Society and Industry

From Monday, 9. September 2019 To Thursday, 12. September 2019

Location: Firenze, Italy

RTSI is the premier IEEE Italy Section forum. Its purpose is to foster technological innovation and excellence in the fields of electrical, electronic and information science and engineering, to promote the transition towards a vibrant innovation-based society.

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Austrochip
27th Austrian Workshop on Microelectronics

Thursday, 24. October 2019

Location: FH Technikum Wien, Hoechstaedtplatz 6, 1200 Wien, Austria

Austrochip is an annual meeting and platform to present the latest activities in the field of microelectronics and integrated circuits in Austria and neighboring countries. The workshop is a forum for discussion and contact between academia and industry...

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ICCVE
8th IEEE International Conference on Connected Vehicles and Expo

From Monday, 4. November 2019 To Friday, 8. November 2019

Location: Messe Congress, Graz, Austria

The ICCVE is the brand-new application-driven flagship conference of the IEEE Instrumentation and Measurement Society and is the world's premier conference in that field to bridge the automated vehicle gap.

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EBCCSP
5th International Conference on Event-Based Control, Communication and Signal Processing

From Wednesday, 27. May 2020 To Friday, 29. May 2020

Location: Vienna, Austria

The aim of the EBCCSP is to bring together researchers and practitioners from the industry and academia and provide them with a platform to report on recent advances and developments in the event-based systems and architectures applied in wide spectrum of engineering disciplines including control, communication, and signal processing.

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Meetings

ExCom Meeting #3

Tuesday, 10. September 2019, 18:30 - 20:00

Quarterly meeting of ExCom

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Section Officer Meeting #2

Tuesday, 10. September 2019, 18:30 - 20:00

Meeting of all officers & ExCom

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General Assembly

Tuesday, 15. October 2019, 17:00 - 20:0

The general assembly of the IEEE Austria Section.

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ExCom #4

Tuesday, 12. November 2019, 18:00 - 20:00

Quarterly meeting of ExCom

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