

October 3rd, 2022 | 09:00 am
Schloss Seggau | Seggauberg 1 | 8430 Leibnitz | Austria

„OPPORTUNITIES AND SOLUTIONS MADE IN EUROPE“ European Robotics and Automation Talks (ERAT) 2022

The Association of Automation Technologies Styria and GMAR have joined forces in order to establish a new conference - **EUROPEAN ROBOTICS AND AUTOMATION TALKS** - dedicated to trending topics in Automation and Robotics.

Our goal is to connect **PRODUCERS, USERS, DEVELOPERS & SYSTEMINTEGRATORS** from Austria and various other European Countries. At this year's ERAT one will not only have the possibility to listen to **NEW SOLUTIONS MADE IN EUROPE** but also have the opportunity to network with participants such as producers, system integrators, users (SME & Large Enterprises), potential users, and scientists.

Begrüßung

09.00 am
Herbert Ritter, WKO Steiermark/AT Styria
Peter Reichel, OVE/GMAR
Helmut Röck, AT Styria
Mathias Brandstötter, GMAR

09.10 am
Alexander Pogany, BMK
„Welcome Note“


Keynote

09.20 am
Sandra Slavinec, Doculus Lumus GmbH, charismaTec OG
“Robots instead of people, previously a nightmare now becomes a must”

Vorträge

10.10 am
Gerald Steinbauer-Wagner, TU Graz
“Robot Navigation in the Wild“

10.40 am
Heinrich Prankl, Josephinum Research
“Robots in Agriculture - A Big Challenge!”



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Sessions A & B

11.10 am

Session A: „Predictive Maintenance“

Christian Wögerer, Profactor
Moderation

Session B: „Robot-based Manufacturing and Process Optimization“

Michael Hofbaur, Joanneum Research
Moderation

Renato Vidoni , Free University of Bozen-Bolzano
„Design of human-centered collaborative assembly workstations
for the improvement of operators‘ ergonomics and production
efficiency“

František Duchoň, Slovak University of Technology in Bratislava
„Robotic System for Adaptive Welding of Workpieces in
Small Volume Production“

Ingo Riemenschneider, Anton Paar GmbH
“Flexible automation of small batch sizes in a high precision
manufacturing.”

Lunch

12.40 pm

Buffet

B2B

13.10 pm

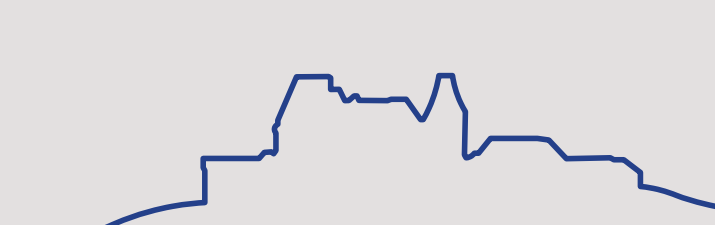
Networking

Sessions C & D

13.30 pm

Session C: “Data closes the circle: How data driven methods
enable the circular economy.”

Wolfgang Kienreich, Know-Center
Tomás Santa María, Universidad del Desarrollo



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▶ 13.30 pm

Session D: „Inside the Construction Industry “

Hubert Zangl, University of Klagenfurt (AAU)
Moderation & “Perspectives of Robotics and Automation in Construction Industry”

Dario Stojicic, ABB
“Robotics in Construction - New opportunities for a sustainable future”

Rüdiger Wagner, HILTI
“Industrial Solutions”

Afternoon

▶ 14.50 pm

Coffee break & Networking

▶ 15.15 pm

Christian Gasser, FH Campus 02
“Digital twins in efficient system planning”

Sessions E & F

▶ 15.45 pm

Session E: Data and data-driven functionalities and business models in the smart factory

Stefan Huber & Simon Hoher, Salzburg University of Applied Sciences
Moderation

Stefan Huber
“Josef Ressel Center for Intelligent and Secure Industrial Automation”

Johannes Vitzthum, B&R Industrial Automation - Member of the ABB Group & Johannes Schipflinger, Vahle Automation GmbH & Coretigo (Israel)
“Intelligence and power on independently moving high dynamic shuttles”

Ruth Aigner, Know-Center & all mentioned above
“Panel: Data and data-driven business models in smart production”



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15.45 pm

Session F: Automation and Robotics in Logistics

Helmut Röck, AT Styria & Alexander Numrich, GMAR
Moderation

Ivan Markovic, University of Zagreb
„Safe human-robot cohabitation for highly flexible warehouses“

Maximilian Beinhofer, TGW Logistics
„Robotics in Intralogistics: It's the process that counts“

Gregor Schubert-Lebernegg, KNAPP AG
„Mobile Robots - The fast and flexible way to improve“

Finale

17.15 pm

Markus Vincze, TU Wien
„SmartDis - Model-based Demantling of Screws“

17.45 pm

Robert Zniva und Simon Kranzer, Salzburg University of Applied Sciences
“Retailization 4.0”

18.10 pm

Désirée Ehlers, BMK
“Fantastic Quantum-Effects - where to find them and how to use them”

18.30 pm

Robotics at the Courtyard & Wine Reception

19.00 pm

Dinner

