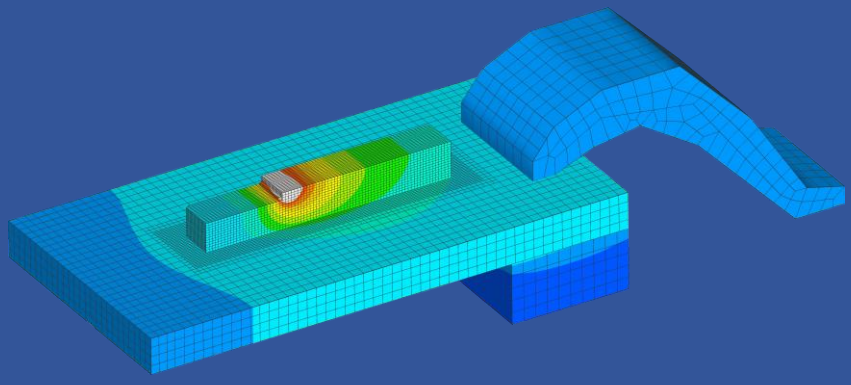
Institute of Materials Science, Joining and Forming
Univ.-Prof. Dipl.-Ing. Dr.techn. Christof Sommitsch

14th International Seminar Numerical Analysis of Weldability

21 - 24 September 2025

Graz – Seggau – Austria



Final programme

Institute of Materials Science, Joining and Forming
Graz University of Technology
&
IIW Commission IX, Working Group
Mathematical Modelling of Weld Phenomena

Scope and relevant topics

14th International Seminar
Numerical Analysis of Weldability
Chairman: C. Sommitsch
Co-Chairmen: N. Enzinger, P. Mayr
Honorary Chairman: H. Cerjak

With the 14th International Seminar „Numerical Analysis of Weldability“, a tradition of successful meetings will be continued. Since the first of these events in 1991, this seminar series has developed to be a world leading conference in the growing field of the development of methods for predicting the microstructure and properties of welds. It is both of practical importance and academic interest and it supports the philosophy of computer modelling, which helps to optimise welding processes and consumables as well as the service behaviour of welded components. Leading experts in this field attend the seminar and present their latest results in the calm atmosphere of an ancient castle. The seminar is organised by the Institute of Materials Science, Joining and Forming of Graz University of Technology.

The following items (among others) of development and application of numerical analysis shall be discussed:

I Welding Processes
a) Arc Welding, Melt Pool & Solidification
b) Laser & Electron Beam Welding
c) Additive Manufacturing
d) Special Joining Processes

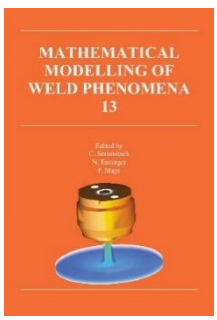
II Joint Properties
a) Microstructural Modelling in Weld Metal & Heat Affected Zone
b) Microstructure and Mechanical Properties
c) Residual Stresses & Distortion
d) Cracking Phenomena & Hydrogen Effects

III Methods
a) Modelling Tools & Computer Programs

Proceedings book

After a peer review process, the contributions will be published as a book and an e-book containing in-depth articles similar to the previous seminars. Previous books 1-13 can be requested from IMAT.

IIW Kenneth Easterling Best Paper Award
This IIW award, which is sponsored by the Institute of Materials Science, Joining and Forming of Graz University of Technology, will be awarded for the seventh time.
It is given to the paper *„which is valued by an international committee as the best contribution made over the three years proceedings on the advancement of knowledge or practice in respect of mathematical modelling of weld phenomena“.*



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The programme at a glance

Sunday, 21st September 2025	**Arrival day**	
	17:00 hrs	Registration
	19:00 hrs	Welcome reception & Dinner at Schloss Seggau
Monday, 22nd September 2025	08:30 – 08:45 hrs	Welcome address and introduction
	08:45 – 17:20 hrs	Presentations
	18:30 hrs	Bus departure to dinner location
	19:30 hrs	Knight's dinner at Castle Kornberg
	22:00 hrs	Return journey to Schloss Seggau
Tuesday, 23rd September 2025	08:30 – 17:20 hrs	Presentations
	17:50 – 18:45 hrs	Guided tour through Schloss Seggau
	19:00 hrs	Wine tasting and Styrian evening
		Best Paper Award Ceremony
Wednesday, 24th September 2025	08:30 – 12:00 hrs	Presentations
	12:00 – 13:30 hrs	Lunch and farewell

Scientific committee

Chairman:	Christof Sommitsch, Graz University of Technology, Austria
Vice Chairmen:	Norbert Enzinger, Graz University of Technology, Austria
	Peter Mayr, Technical University of Munich, Germany
Honorary Chairman:	Horst Cerjak, Graz University of Technology, Austria
Murugaiyan Amirthalingam	Indian Institute of Technology Madras, India
Thomas Böllinghaus	Bundesanstalt für Materialforschung und -prüfung, Germany
Jesper Hattel	Technical University of Denmark, Denmark
Junya Inoue	The University of Tokyo, Japan
Toshihiko Koseki	Kyoto University of Advanced Science, Japan
Ernst Kozeschnik	Vienna University of Technology, Austria
Tobias Loose	Dr. Loose GmbH, Germany
Wenya Li	Northwestern Polytechnical University, P.R. China
Stephen Liu	Colorado School of Mines, USA
Patricio F. Mendez	University of Alberta, Canada
Oleg Mokrov	RWTH Aachen University, Germany
Suck-Joo Na	Xian Jiaotong University, P.R. China
Rene Radis	ZHAW School of Engineering, Switzerland
Antonio Ramirez	The Ohio State University, USA
Uwe Reisgen	RWTH Aachen University, Germany
Michael Rethmeier	Technische Universität Berlin, Germany
Chuan Song Wu	Shandong University, Jinan, P.R. China

Monday, 22nd September 2025

08:30 - 08:45	**Welcome address and introduction** *C. Sommitsch, Graz University of Technology - IMAT, Austria*

I Welding Processes

a) Arc Welding, Melt Pool & Solidification
Chairman: C. Sommitsch

08:45 – 09:10	**KEYNOTE** **Evaporation and mass transfer in welding** *P. F. Mendez* University of Alberta, Canada
09:10 – 09:30	**Understanding the effects of pulsations in GTAW with a coupled arc-melt pool modelling** *M. Le Gal La Salle[1,2], St. Cadiou[2], M. Courtois[2], M. Carin[2], A. Brosse[1]* [1]Framatome, Lyon, France; [2]Univ. Bretagne Sud UMR CNRS 6027 IRDL, Lorient, France
09:30 – 09:50	**Enhancing GMAW simulations by a hybrid Eulerian and Lagrangian method with consideration of an inclined welding torch** *O. Mokrov[1], S. Warkentin[1], L. Westhofen[2], J. Bender[2], R. Sharma[1], U. Reisgen[1]* [1]RWTH Aachen Univ., Welding and Joining Institute, Germany; [2]RWTH Aachen Univ., Visual Computing Institute - LuFG Computer Animation, Germany
09:50 – 10:10	**Numerical study on the cooling conditions during in-service welding of steel pipelines for hydrogen gas transport** *Z. Silvayeh[1], D. Gomboc[1], S. Kaiser[2], K. Erxleben[2], P. Auer[1], M. Rhode[2], T. Kannengießer[2,3], J. Domitner[1]* [1]TU Graz, Institute of Materials Science, Joining and Forming, Graz, Austria; [2]Bundesanstalt für Materialforschung und –prüfung (BAM), Division 9.4 - Weld Mechanics, Berlin, Germany; [3]Otto-von-Guericke-University, Institute of Materials, Technologies and Mechanics, Magdeburg, Germany
10:10 – 10:40	**COFFEE BREAK**

Chairman: P. Mendez

10:40 – 11:00	**Process informed thermodynamic modeling of element transfer and oxide formation in subarc welds** *T. Stone Avey[1], D. H. Bechetti[1], C. R. Fisher[1,2]* [1]Naval Surface Warefare Center Carderock Division, USA; [2]Office of Naval Research, USA
11:00 – 11:20	**Towards accurate thermal simulations in PBF: A novel calibration strategy for Gauss-Goldak heat-source models** *M. Hofmann, T. Mayer* ZHAW Zurich University of Applied Sciences, Switzerland

11:20 – 11:40	**Numerical and experimental evaluation of in-service pipeline welding assisted by induction preheating** *K. C. Riffel, A. Acuna, A. J. Ramirez* The Ohio State University, USA

b) Laser & Electron Beam Welding
Chairman: M. Rethmeier

11:40 – 12:05	**KEYNOTE** **Multi-physics simulation and trajectory optimization in laser welding of copper hairpin windings** *P. Rana[1], M. Sreejith[2], C. Obergfell[1,3], M. Kaiser[1,4]* [1]Mercedes Benz AG, Germany; [2]Mercedes Benz Research and Development, India; [3]TU Munich; [4]TU Braunschweig, Germany
12:05 – 12:25	**A statistical investigation of the laser energy absorption and keyhole stability in high-power laser beam welding** *X. Meng[1], St. Putra[1], M. Bachmann[1], M. Rethmeier[2,1,3]* [1]BAM Bundesanstalt für Materialforschung und -prüfung, Berlin, Germany; [2]Technische Universität Berlin, Institute of Machine Tools and Factory Management, Berlin, Germany; [3]Fraunhofer IPK, Berlin, Germany
12:25 – 13:45	**LUNCH**

Chairman: O. Mokrov

13:45 – 14:05	**Understanding the origin and prediction of laser welding defects in highly reflective metals: A numerical study applied to A2219 alloy** *Bi-N'K. F. Chetan[1,2], M. Courtois[2], St. Cadiou[2], M. Carin[2], V. Nain[1], F. Machi[1], A. Alves Ferreira[1]* [1]IREPA LASER, Illkirch, France.; [2]Univ. Bretagne Sud, UMR CNRS 6027, IRDL, Lorient, France
14:05 – 14:25	**Reconstruction of the time-averaged keyhole geometry in laser beam welding with electromagnetic support** *F. Yang[1,2], X. Meng[1], St. Nugraha Putra[1], M. Bachmann[1], M. Rethmeier[4,1,3]* [1]Bundesanstalt für Materialforschung und -prüfung, Berlin, Germany; [2]Production Technology Group, Technische Universität Ilmenau, Germany; [3]Fraunhofer Institute for Production Systems and Design Technology, Berlin, Germany; [4]Institute of Machine Tools and Factory Management, Technische Universität Berlin, Germany
14:25 – 14:45	**Digital twin for melt pool dynamics in laser beam welding** *J. Plewinski[1,2], F. Hennig[2], R. Doshi[2], C. Forster[3,4], M. Schmidt[3,4], H. Köstler[2,5], U. Rüde[2,6], M. Markl[1]* [1]Chair of Material Science and Engineering for Metals, Friedrich-Alexander Univ. Erlangen-Nürnberg, Germany; [2]Chair for Computer Science 10 - System Simulation, Friedrich-Alexander Univ. Erlangen-Nürnberg, Germany; [3]Institute of Photonic Technologies (LPT), Friedrich-Alexander Univ. Erlangen-Nürnberg, Germany; [4]Erlangen Graduate School in Advanced Optical Technologies (SAOT), Germany; [5]Erlangen National High Performance Computing Center (NHR@FAU), Germany; [6]Department of Applied Mathematics, VSB-Technical University of Ostrava, Czech Republic

14:45 – 15:05	**Numerical simulation of laser beam welding with dynamic beam shape sequencing** *C. Durán, C. Zenz, T. Florian, A. Otto* TU Wien, Austria
15:05 – 15:35	**COFFEE BREAK**

c) Additive Manufacturing
Chairman: P. Mayr

15:35 – 16:00	**KEYNOTE** **Multiphysics simulation of the impact of spatio-temporal beam shaping in laser powder bed fusion using openFOAM** *B. Zhou, J. Barode, V. K. Nadimpalli, J. H. Hattel, M. Bayat* Technical University of Denmark, Kgs. Lyngby, Denmark
16:00 – 16:20	**Advanced process modeling and simulation of multi-material directed energy deposition** *E. Osmanoglu, C. Canaz, N. Hempel, P. Mayr* Technical University of Munich, Germany
16:20 – 16:40	**Thermohydraulic modelling of the WLAM process – application to the prediction of grain structure development on Inconel alloys** *Z. Kong[1], G. Guillemot[1], D. Solas[2], C.-A. Gandin[1], M. Bellet[1]* [1]MINES Paris - PSL Research University, Centre de Mise en Forme des Matériaux (CEMEF), UMR CNRS 7635, Sophia Antipolis, France; [2]Université Paris-Saclay, CNRS, Institut de chimie moléculaire et des matériaux d'Orsay (ICMMO), France
16:40 – 17:00	**Numerical analysis of innovative thermal management strategies in wire arc additive manufacturing for enhanced process control** *T. Reindl, N. Hempel, P. Mayr* Technical University of Munich, Germany
17:00 – 17:20	**Solution approaches for the efficient modeling of the layer build-up in the WAAM manufacturing process using smoothed particle hydrodynamics** *O. Mokrov[1], S. Warkentin[1], L. Westhofen[2], J. Antonissen[3], J. Bender[2], R.I Sharma[1], U. Reisgen[1]* [1]RWTH Aachen University, Welding and Joining Institute, Germany; [2]RWTH Aachen University, Visual Computing Institute - LuFG Computer Animation, Germany; [3]Guaranteed. B. V., Zelzate, Belgium

18:30	**Bus departure to dinner location Castle Kornberg**
22:00	**Return journey to Schloss Seggau**

Tuesday, 23rd September 2025

d) Special Joining Processes
Chairman: A. Ramirez

08:30 – 08:55	**KEYNOTE** **Dislocation density based constitutive model for CFD simulation of ultrasonic vibration assisted FSW of dissimilar Al/Mg alloys** *G. Zhang, C. S. Wu, L. Shi* Shandong University, Jinan, P.R. of China
08:55 – 09:15	**Numerical analysis of mechanical behavior during friction stir welding** *S. Maeda, K. Ikushima, M. Shibahara* Graduate School of Engineering, Osaka Metropolitan University, Japan
09:15 – 09:35	**Numerical analysis of ultrasonic vibration enhanced friction stir welding of Ti/Al dissimilar alloys** *L. Shi, X. Zhang, C. Wu* Shandong University, Jinan, P.R. of China
09:35 – 09:55	**Multiphysics simulation of resistance spot welding** *I. Ben bahaffa Cebadero[1,2], M.Courtois[2], St. Cadiou[2], E. Geslain[2], E. Courtois[2], T. Dupuy[1], X. Chen[1]* [1]ArcelorMittal – Global Research and Development Maizières Products, Maizières-lès-Metz; [2]Univ. Bretagne Sud, UMR CNRS 6027, IRDL, Lorient, France
09:55 – 10:15	**Thermohydrodynamic modeling of laser cutting for residual laser energy quantification using a hybrid Level Set – moving mesh method** *R. Meillour[1,2], M. Courtois[2], C. Nahed[3], I. Doyen[1], M. Carin[2]* [1]Université Paris – Saclay, CEA, Service de Recherche en Matériaux et procédés Avancés, Gif-sur-Yvette, France; [2]Univ. Bretagne Sud, UMR CNRS 6027, IRDL, Lorient, France; [3]Université Paris – Saclay, CEA, Service d'Etudes Mécaniques et Thermiques, Gif-sur-Yvette, France

10:15 – 10:45	**COFFEE BREAK**

II Joint Properties

a) Microstructural Modelling in Weld Metal & Heat Affected Zone
Chairman: E. Kozeschnik

10:45 – 11:10	**KEYNOTE** **Sigma phase precipitation prediction during duplex stainless steels welding, cladding and additive manufacturing** *A. Acuna[1,2], K. C. Riffel[1], H. Leon-Henao[1], A. J. Ramirez[1]* [1]The Ohio State University, USA; [2]Now with Lincoln Electric, USA

11:10 – 11:30	**Multiphase-field simulation of the formation and growth of intermetallic compounds during Al/Mg dissimilar FSW** *F. Zhao, C. S. Wu, L. Shi* **Shandong University, Jinan,** P.R. of China

b) Microstructure and Mechanical Properties
Chairman: C. S. Wu

11:30 – 11:55	**KEYNOTE** **Modeling and simulation of the anisotropic thermal expansion of Ti-6Al-4V processed by LPBF** *T. Mayer[1], P. Capozzi[1], F. Friso[2], R. Radis[2]* [1]Institute of Mechanical Systems IMES, ZHAW Zurich University of Applied Sciences; [2]Institute of Materials and Process Engineering IMPE, ZHAW Zurich University of Applied Sciences, Switzerland
11:55 – 12:15	**Developing a multi-phase welding simulation with damage prediction sourcing on standardized tensile tests and experimental validation by damaging a weldment** *C. Schröder[1], T. Loose[2]* [1]TIME Technologie-Institut für Metall und Engineering GmbH, Wissen (Sieg),Germany; [2]Dr. Loose GmbH, Walzbachtal, Germany
12:15 – 12:35	**Fracture mechanics behavior of HSS steel welded joint heterogeneous structure - experimental and numerical evaluation** *D. Tomerlin[1], N. Gubeljak[2], D. Kozak[1], W. Li[3], N. Trisović[4]* [1]Mechanical Engineering Faculty, University of Slavonski Brod, Croatia; [2]Faculty of Mechanical Engineering, University of Maribor, Slovenia; [3]School of Mathematics and Statistics, Xi'an University, P.R. of China; [4]Faculty of Mechanical Engineering, University of Beograd, Serbia

12:35 – 14:00	**LUNCH**

c) Residual Stresses & Distortion
Chairman: T. Loose

14:00 – 14:25	**KEYNOTE** **Probabilistic approach to developing a residual stress model for welded box sections** *A. Horváth, D. Kollár* Budapest University of Technology and Economics, Hungary
14:25 – 14:45	**High-temperature strain gauge measurements in WA-DED: Validation of numerical models** *H. Drexler[1], M. Moschinger[2], N. Enzinger[2]* [1]LKR Leichtmetallkompetenzzentrum Ranshofen GmbH, Austria; [2]Institute of Materials Science, Joining and Forming, Graz University of Technology, Graz, Austria

14:45 – 15:05	**Simulation-based strategies for minimizing welding-induced cracking risk in hermetic sealed electric terminals** *J. Puntigam[1], M. Spoerk[2], M. Gartner[2], T. Panner[2], A. Egger[2], N. Enzinger[1]* [1]Institute of Materials Science, Joining and Forming - Graz University of Technology, Austria; [2]Nidec Global Appliance Austria GmbH, Austria
15:05 – 15:25	**An improved estimation of residual stress and distortion in wire arc directed energy deposition following a heat transfer and fluid flow model** *Diljith P K[1], A. Aryan[2], W. Zhang[2], A. De[1]* [1]Indian Institute of Technology Bombay, India; [2]The Ohio State University, Columbus, Ohio, USA
15:25 – 15:45	**Prediction of residual stresses of repaired austenitic stainless steel welded joints** *S. Hilal[1], S. Hendili[1], J. Delmas[1], P. Pereira Alvarez[1], V. Robin[2], T. Boutin[1]* [1]Electricité de France R&D, Chatou, France; [2]Electricité de France Direction Technique, Lyon, France
15:45 – 16:05	**Simulation of residual stress during the heat treatment in cast aluminum** *L. Helml[1], W.Artner[2], E. Kozeschnik[1]* [1]Institute of Materials Science and Technology, TU Wien, Austria; [2]XRC - X-Ray center of the TU Wien, Austria
16:05 – 16:35	**COFFEE BREAK**

d) Cracking Phenomena & Hydrogen Effects
Chairman: J. Hattel

16:35 – 17:00	**KEYNOTE** **Simulation of standardized weldability tests and linkage with fracture and fatigue behavior** *H. Fu, H. F. Nied* Lehigh University, Bethlehem, PA, United States of America
17:00 – 17:20	**Advanced numerical simulations of laser beam welding: bridging experiments and high-performance computing** *T. Bevilacqua[1], A. Gumenyuk[2], N. Habibi[2], P. Hartwig[3], A. Klawonn[1,4], M. Lanser[1,4], M. Rethmeier[2,5,6], L. Scheunemann[7], J. Schröder[3]* [1]Department of Mathematics and Computer Science, University of Cologne, Germany; [2]Bundesanstalt für Materialforschung und -prüfung (BAM), Berlin, Germany; [3]Institute of Mechanics, Department of Civil Engineering, University Duisburg-Essen, Germany; [4]Center for Data and Simulation Science, University of Cologne, Germany; [5]Technische Universität Berlin, Germany; [6]Fraunhofer Institute for Production Systems and Design Technology IPK, Berlin, Germany; [7]Chair of Applied Mechanics, Department of Mechanical and Process Engineering, RPTU Kaiserslautern-Landau, Germany

17:50 – 18:45	**Guided tour through Schloss Seggau (optional – please register by 12:30 pm at the registration desk)**
19:00	**Wine tasting and Styrian evening at Schloss Seggau** **Best Paper Award Ceremony**

Wednesday, 24th September 2025

III Modelling

Modelling Tools & Computer Programs
Chairman: N. Enzinger

08:30 – 08:55	**KEYNOTE** **Machine learning-accelerated calibration of complex heat source simulation models for welding and additive manufacturing processes** *Y. Luo[1], A. Kudva[1], E. Jang[2], S. Matan[1], N. M. V. Michalak[1], J. A. Paulson[1], A. Perrault[1], B. Alexandrov[1]* [1]The Ohio State University, Columbus, USA; [2]Electric Power Research Institute, Charlotte, USA
08:55 – 09:15	**WA-DED specific topology optimization of a kingpin plate for semi-trailers** *F. Haunreiter[1], M. Silmbroth[1], K. Bharadwaj[1], H. Drexler[1], M. Schwendinger[2], H. Bruhns[2], A. Bauer[2]* [1]LKR Leichtmetallkompetenzzentrum Ranshofen GmbH, Austria; [2]Wilhelm Schwarzmüller GmbH, Austria
09:15 – 09:35	**SimpleMSE subroutine for microstructure evolution in finite element analysis** *T. Wlanis, Y. Shan, E. Kozeschnik* TU Wien, Vienna, Austria
09:35 – 09:55	**Different approaches to visualize simulations of welding processes** *L. Kesselburg, S. Warkentin, O. Mokrov, R. Sharma, U. Reisgen* ISF der RWTH Aachen, Germany
09:55 – 10:15	**A simplified hybrid methodology for determining welding heat source parameters in high-strength steels** *M. Dadkhah, T. Nitschke-Pagel, K. Dilger* Institute of Joining and Welding (IFS) - TU Braunschweig, Germany
10:15 – 10:45	**COFFEE BREAK**

Chairman: R. Radis

10:45 – 11:10	**KEYNOTE** **A review of welding modelling approaches for nuclear industry** *A. Brosse, N. Khelif, T. Leveille, S. Gallee* Framatome, Lyon, France
11:10 – 11:30	**Evaluation of FEM-based macro-scale and micro-scale thermal simulation for efficient process adaptation in directed energy deposition additive manufacturing** *M. P. Sefidi, V. Mashetty, R. Ossenbrink, K. Schricker* Chair of Joining and Welding Technology, Brandenburg University of Technology Cottbus–Senftenberg, Germany

Seminar programme

11:30 – 11:50	**Pipeweld, a software suite for computational welding mechanics for nuclear applications** *J. Delmas[1], S. Hendili[1], P. Pereira Alvarez[1], S. Hilal[1], V. Robin[2]* [1]Electricité de France R&D, Chatou, France; [2]Electricité de France Direction Technique, Lyon, France
11:50 – 12:00	**Summary and conclusion** *C. Sommitsch*
12:00 – 13:30	**LUNCH AND FAREWELL**

End of seminar

Sponsor and exhibitors

Sponsor: voestalpine Böhler Welding

Exhibitors:

STIRTEC

imprintec
MATERIAL TESTING SOLUTIONS

POSTERS

The posters are accessible during the whole seminar at the back of the conference room.
Please place your poster on Monday morning.
Coffee breaks will take place in the foyer directly in front of the conference hall.
All authors are kindly asked to stay with their posters during the breaks.

An automatic anisotropic meshing algorithm adapted to the multiphysics simulation of a Tungsten Inert Gas welding arc
St. Gounand
Université Paris-Saclay CEA, Gif-sur-Yvette, France

Residual stress measurement at weld seams and heat effected zones
C. Muller, P. Reeh
Stresstech GmbH, Germany

Experimental and numerical study on ductility capacity for solidification cracking in laser beam welding
N. Habibi[1], A. Gumenyuk[1], M. Rethmeier[1,2,3]
[1]Bundesanstalt für Materialforschung und Prüfung(BAM), Berlin, Germany; [2]Technische Universität Berlin, Germany; [3]Fraunhofer Institute for Production Systems and Design Technology IPK, Berlin, Germany

Large-scale numerical analysis of multi-pass welding using idealized explicit FEM
W. Wang, S. Maeda, K. Ikushima, M. Shibahara
Graduate School of Engineering, Osaka Metropolitan University, Japan

Thermodynamic modeling as a tool to investigate the underlying mechanisms of liquid metal embrittlement (LME) in galvanized 3rd generation advanced high-strength steels (AHSS)
K. Höger[1,3], M. Wallner[2], K. Steineder[2], R. Schneider[1], C. Sommitsch[3]
[1]Department for Materials Technology, University of Applied Sciences Upper Austria, Wels, Austria; [2]Research & Development and Innovation, voestalpine Steel GmbH, Linz, Austria; [3]Institute of Material Science, Joining and Forming, Graz University of Technology, Graz, Austria

Notes

Notes

enue map – Schloss Seggau

Upper Castle

Ground floor: Managing Directors office, Administration, Toilets
1st floor: Castle Chapel, Castle Meeting Rooms 1–3, Rooms 12, 13, 14, Toilets
2nd floor: Episcopal Chambers, Gallery, Castle Meeting Rooms 4+5, Rooms 6–10

North Wing

Ground floor: Reception, Castle Tavern, Meeting room „Spielsaal"
1st floor: Rooms 4-101 – 4-113
2nd floor: Rooms 4-201 – 4-218

New Building

Ground floor: Dining Rooms 1–3
1st floor: Rooms 3-101 – 3-113

Conference Centre

Basement: Conference-Hall, Lower Lobby, Toilets
Ground floor: Styria-Hall, Meeting Rooms 1–3, Upper Lobby, Wardrobe
3rd floor: Drinks & Snack Corner

Brenner Wing

Ground floor: Brenner Meeting Rooms 1–3, Michael's Chapel, Rooms 5-111 – 5-113
1st floor: Rooms 5-101 – 5-110, Drinks & Snack Corner
2nd floor: Rooms 5-201 – 5-204

Wine Cellar

Basement: Episcopal Wine Cellar, Seggau Wine Shop
Ground floor: Orangery

SCIENCE . PASSION . TECHNOLOGY

Venue

The 14th International Seminar „Numerical Analysis of Weldability“ will take place at Schloss Seggau, the former bishop residence in the Styrian wine area 40 km south of Graz, Austria.

How to reach Graz – by car / train / plane & coach

Graz is located on the A2 and easy to get to: about 2 hours from Vienna, 4 ½ hours from Munich and 3 hours from Udine.

An eco-friendly and comfortable way to get to Graz is by train or coach. Direct train or coach connections exist between Graz and e.g. Vienna, Salzburg, Linz, Innsbruck, Klagenfurt, Munich, Stuttgart and Frankfurt.

For direct flight options please visit the Graz airport website: **www.graz-airport.at**

Seminar Organisation

Chairman:

Christof Sommitsch

Institute of Materials Science, Joining and Forming (IMAT)

Graz University of Technology

Kopernikusgasse 24

8010 Graz – Austria

Contact:

Bettina Schreiner-Foessl
Isabella Knollseisen
Seggau2025@tugraz.at

Tel.: +43 316 873 1611
Fax: +43 316 873 7187
www.seggau.tugraz.at
LinkedIn Seggau 2025