

In the memory of Kostyantyn Gusliyenko

ICMM 2026

June 1 – June 5, 2026

San Sebastian (Gipuzkoa), Spain

PROGRAM

ICMM 2026

Welcome to the 9th International Conference on Microwave Magnetics (ICMM 2026). ICMM 2026 will be held in Donostia / San Sebastián (Gipuzkoa), Spain, June 1st - June 5th, 2026.

ICMM brings together researchers from academia, national labs and industry working on microwave and millimetre-wave magnetics, spin dynamics and spintronics. The conference provides an international forum to present recent advances, share experimental and theoretical results, and foster collaborations that advance both fundamental understanding and practical applications.

Topics include spin waves and nonlinear magnetic phenomena; magnonics and magnon spintronics - from classical to quantum and hybrid platforms; magnetization and relaxation dynamics; microwave and millimeter-wave magnetic materials and characterization; integrated RF and microwave magnetic devices; and applications in communications, sensing, and energy harvesting.

This edition of ICMM is organized in memory of Kostyantyn Gusliyenko, a distinguished theoretical physicist in magnetism who, sadly, passed away in December 2025. Professor Gusliyenko initiated and led the early preparations for this conference; we are honoured to carry forward his vision and continue the scientific program he began.

We look forward to welcoming you to Donostia / San Sebastián for a week of stimulating talks, discussions and networking. The program includes 27 Invited talks presented by leading experts in the field and regular oral talks.

ICMM Organizing Committee and family of Kostyantyn Gusliyenko

ICMM 2026 Chairman,

Glib Kakazei

The International Organizing committee

- Glib Kakazei, University of Porto, Portugal (Chairman)
- Aleksander Serga, University of Kaiserslautern-Landau, Germany
- Andrei Slavin, Oakland University, USA
- Farkhad Aliev, Autonomous University of Madrid, Spain
- Andrii Chumak, University of Vienna, Austria

Local Organizing Committee

- Larysa Gusliyenko, CONSTANTO S.L., Irura, Spain (Director)
- Olexander Chyzhyk, UPV/EHU, San Sebastian, Spain
- Anton Gusliyenko, Irura, Gipuzkoa, Spain (Technical support)
- Yuliya Gusliyenko Makoveichuk, Irura, Gipuzkoa, Spain (Secretary & Co-Organizer)

PROGRAM AT A GLANCE 2026

01.06.2026 Monday	02.06.2026 Tuesday	03.06.2026 Wednesday	04.06.2026 Thursday	05.06.2026 Friday
Registration 11.00 – 12.30	Late registration 9.00 – 9.30	Invited and oral talks 9.30 – 11.00	Invited and oral talks 9.30 – 11.00	Meetings & discussions 9.30 – 12.30
Lunch 12.30 – 14.30	Invited and oral talks 9.30 – 11.00		Coffee break 11.00 – 11.30	
Opening 14.30 – 14.45	Coffee break 11.00 – 11.30	Coffee break 11.00 – 11.30	Invited and Oral talks 11.30 – 13.15	
Invited and Oral talks 14.45 – 17.00	Invited and Oral talks 11.30 – 13.15	Invited and Oral talks 11.30 – 13.30	Lunch break 13.15 – 15.30	
	Lunch 13.15 – 15.30	Lunch 13.00 – 15.30	Invited talks 15.30 – 17.30	
Evening registration 17.00 – 17.30	Invited and oral talks 15.30 – 17.45	Free time 15.30 – 20.00	Conference closing / Last refreshment 17.30 – 18.45	
Welcome party 17.00 – 18.30		Conference dinner 20.00 – 22.30		

Program of the International Conference on Microwave Magnetics ICMM 2026

June 1 – June 5, 2026, San Sebastian, Gipuzkoa, Spain

The Olarain University Residence (1st floor)

The ICMM 2026 takes place in the Olarain University residence (1st floor)



The exact address of the Olarain Residence is:

Calle Ondarreta, 24, 20018 Donostia / San Sebastian
Gipuzkoa province, Spain

	Monday, June 1st, 2026
11:00 – 12:30	**Onsite registration, Olarain Residence**
12:30 – 14:30	***Lunch break***
14:30 – 14:45	**Conference opening: Yuliya Gusliyenko / Glib Kakazei / Burkard Hillebrands**
14:45 – 17:00	**Session 1** **Chair: Glib Kakazei**
14:45 – 15:15	**Invited talk: Burkard Hillebrands,** Rheinland-Pfälzische Technische Universität (RPTU) Kaiserslautern-Landau, Germany: "Phase coherency in magnonic bose–einstein condensates"
15:15 – 15:45	**Invited talk: Peter Fischer,** Lawrence Berkeley Laboratory, USA: "An X-ray view into topological spin textures"
15:45 – 16:15	**Invited talk: Axel Hoffmann,** University of Illinois at Urbana-Champaign, USA: "Static and dynamic properties of magnetic solitons: from vortices to skyrmions"
16:15 – 16:45	**Invited talk: Maciej Krawczyk,** Adam Mickiewicz University, Poland: "Surface and edge localization of spin waves in 3d ferromagnetic nanostructures"
16:45 – 17:00	**Oral talk: Rostyslav Serha,** University of Vienna, Austria: "Ultra-long-living magnons in the quantum limit"
17:00 – 17:30	**Onsite evening registration**
17:00 – 18:30	***Welcome party***

	Tuesday, June 2nd, 2026
9:00 – 9:30	**Late onsite registration**
9:30 – 11:00	**Session 2** **Chair: Maciej Krawczyk**

9:30 – 10:00	**Invited talk: Oleksandr Dobrovolskiy**, Technische Universität Braunschweig, Germany: "3D nanoarchitectures for magnonics and fluxonics"
10:00 – 10:30	**Invited talk: Aleksei Nikitin**, Aalto University, Finland: "Energy-efficient control of spin waves in YIG via the VO_2 insulator-metal switching"
10:30 – 10:45	**Oral talk: Felix Kohl,** Rheinland-Pfälzische Technische Universität Kaiserslautern-Landau, Germany: "Enhancing efficiency and signal integrity in micron-scaled spin-wave transducers"
10:45 – 11:00	**Oral talk: Loic Temdie Kom,** SPEC, CEA, CNRS, Université-Paris Saclay, France: "Magnetic imaging with magnetoresistive sensors on microstructured thin films"
11:00 – 11:30	***Coffee break***
11:30 – 13:15	**Session 3** **Chair: Oksana Chubykalo-Fesenko**
11:30 – 12:00	**Invited talk: Farkhad Aliev,** Universidad Autónoma de Madrid, Spain: "Spin dynamics and spin pumping in nanowires and ferromagnet/ superconductor hybrids"
12:00 – 12:30	**Invited talk: Ilia Krivorotov**, University of California, USA: "K-band microwave devices based on ferromagnetic nanowire" arrays"
12:30 – 12:45	**Oral talk: Uladzislau Makartsou,** Adam Mickiewicz University, Poland: "Spin-wave phase shifting in YIG film via racetrack strip"
12:45 – 13:00	**Oral talk: Sarah Mantion,** Laboratoire Albert Fert, CNRS, France: "On-chip integration of voltage-controlled monolithic magnetic MEMS for tunable magnonic devices"
13:00 – 13:15	**Oral talk: Khrystyna Levchenko,** University of Vienna, Austria: "From 1D to 2D YIG magnonic nanocrystals"
13:15 – 15:30	***Lunch break***

15:30 – 17:45	**Session 4** **Chair: Oleksandr Dobrovolskiy**
15:30 – 16:00	**Invited talk: Olena Tartakivska,** Adam Mickiewicz University, Poland: "Spin waves in Van der Waals magnets"

16:00 – 16:30	**Invited talk: Olivier Klein**, SPINTEC, CEA-Grenoble, France: "The orbital angular momentum of spin-waves"
16:30 – 17:00	**Invited talk: Florin Ciubotaru**, IMEC, Belgium: "From magnetoelectric spin-wave transducers to CMOS-integrated spin-wave platforms"
17:00 – 17:30	**Invited talk: Sunil Bhave**, Purdue University, USA: "Octave-tunable micromachined magnetostatic wave resonators and filters"
17:30 – 17:45	**Oral talk: Melissa Marchi,** CEA, DAM, France: "Magneto-elastic resonances in bulk Ni-Zn ferrites"

	Wednesday, June 3rd, 2026
9:30 – 11:00	**Session 5** **Chair: Farkhad Aliev**
9:30 – 10:00	**Invited talk: Alexander Serga**, Rheinland-Pfälzische Technische Universität Kaiserslautern-Landau, Germany: "Electric-field manipulation of magnon phase in YIG films via the Aharonov–Casher effect"
10:00 – 10:30	**Invited talk: Oksana Chubykalo-Fesenko**, Instituto de Ciencia de Materiales de Madrid, CSIC, Spain: "Spin waves in cylindrical magnetic nanowires"
10:30 – 10:45	**Oral talk: Kristyna Davidkova**, University of Vienna, Austria: "Low insertion losses microscale spin-wave RF devices"
10:45 – 11:00	**Oral talk: David Menard**, Polytechnique Montreal, Canada: "Cavity magnon polaritons in resonant ferromagnetic nanowires arrays"
11:00 – 11:30	***Coffee break***
11:30 – 13:00	**Session 6** **Chair: Jaroslaw Klos**
11:30 – 12:00	**Invited talk: Grégoire de Loubens,** Université Paris-Saclay, France: "Nonlinear magnetization dynamics in axially symmetric ground-state nanodisks"

12:00 – 12:30	**Invited talk: Glib Kakazei,** University of Porto, Portugal: "Gyrotropic modes in thin and thick magnetic nanodisks"
12:30 – 12:45	**Oral talk: Zhaobo Zhou**, Charles University, Czech Republic: "Ultrafast light control of magnetization dynamics in altermagnets"
12:45 – 13:00	**Oral talk: Nikita Strelkov,** Allegro Microsystems, France: "Localized spin excitation mode at the faces of thick ferromagnetic cylindrical nanodots"
13:00 – 15:30	***Lunch break***
15:30 – 20:00	**Free time**
20:00 – 22:30	***Conference dinner***

	Thursday, June 4th, 2026
9:30 – 11:00	**Session 7 (Remote)** **Chair: Grégoire de Loubens**
9:30 – 10:00	**Invited talk: Sang-Koog Kim**, Seoul National University, South Korea: "Vortex gyration, core reversal, spin-wave radiation, and topological transformations in confined nanomagnets"
10:00 – 10:30	**Invited talk: Roy Chantrell,** University of York, United Kingdom: "Atomistic and semi-analytical models of switching in bilayer media"
10:30 – 11:00	**Invited talk: Roman Verba,** V. G. Baryakhtar Institute of Magnetism of the NAS of Ukraine, Ukraine: "Deep nonlinear effects in out-of-plane magnetized magnonic wave-guides"
11:00 – 11:30	***Coffee break***
11:30 – 13:15	**Session 8.** **Chair: Olivier Klein**
11:30 – 12:00	**Invited talk: Filipp Rybakov,** Uppsala University, Sweden: "Structure and topology of magnetic hopfions"
12:00 – 12:30	**Invited talk: Nikolai Kiselev**, Forschungszentrum Jülich, Germany: "Bloch point dynamics in regularized micromagnetic model"
12:30 – 12:45	**Oral talk: Sergey Bunyaev**, University of Porto, Portugal: "GHz dynamics of dipolar-stabilized skyrmions in antidot-based multilayers"

12:45 – 13:00	**Oral talk: Julia Kharlan**, Adam Mickiewicz University, Poland: "Coupled magnetic dynamics in ferromagnet-superconductor multilayers"
13.00 – 13.15	**Oral talk: Oksana Koplak**, University of Milano-Bicocca, Italy: "Microwave probing of magnetically labeled cells on GMR sensors for contactless biosensing"
13:15 – 15:30	***Lunch break***

15:30 – 17:30	**Session 9** **Chair: Aleksander Serga**
15:30 – 16:00	**Invited talk: Michal Urbanek,** CEITEC BUT, Brno University of Technology, Czech Republic: "Probing nanoscale spin waves with Brillouin light scattering"
16:00 – 16:30	**Invited talk: Jaroslaw Kłos,** Adam Mickiewicz University, Poland: "Tunable and multistable skyrmions controlled by ferromagnetic and superconducting nanorings"
16:30 – 17:00	**Invited talk: Helmut Schultheiss**, Helmholtz-Zentrum Dresden-Rossendorf, Germany: "How a nano-core shatters the collective of an entire vortex"
17:00 – 17:30	**Invited talk: Giovanni Finocchio,** University of Messina, Italy: "Spintronic devices for microwave technology"
17:30 – 18:45	**Conference closing / Last refreshment**

The conference dinner will take place at:

Address:

Kaskazuri Restaurant & Pub
Paseo Salamanca,14
20003 Donostia-San Sebastián,
Gipuzkoa, Spain
Teléfono: 943 420 894
Email: restaurantekaskazuri@gmail.com
Web: https://www.kaskazuri.com/es/



Meeting on Wednesday, 3rd of June 2026 at 19.45 in front of the entrance to restaurant

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Organizers:

CONSTANTO S.L.



Laura

Yuliya

Anton