



2025 Joint Conference Invited Symposia

21st-Century Permanent Magnets: How to Take it to the Next Level? A Panel/Audience Dialog

CÉSAR DE JULIÁN FERNÁNDEZ
GEORGE HADJIPANAYIS
YAROSLAV MUDRYK
ESTER PALMERO
JULIE STAUNTON
YUKIKO TAKAHASHI

Advanced Magnetic Materials & Manufacturing for Future Electric Motors and Power Electronics

ANTS KALLASTE
SATOSHI OKAMOTO
MASSIMO PASQUALE
AYMAN EL-REFAIE
MI-CHING TSAI

Advanced Magnetics for Wind Power Technology

MINGYUAN JIANG

Advanced Materials and Devices for Energy Harvesting and Conversion

CRISTINA GOMEZ-POLO
HEIKE HERPER
DUSHYANT KUMAR
PAUL OHODNICKI
HU ZHANG

Cavity Magnonics and Non- reciprocal Spin Wave Propagation

GIANLUCA GUBBIOTTI
PEDRO LANDEROS
YING YANG

Fundamentals and Advances in 2D Spintronics

QIONG MA
STUART PARKIN
DANIEL RALPH
GUOYI SHI
KAIYOU WANG

Imaging Nanoscale Magnetization Dynamics and Spin Fluctuations

LISA DEBEER-SCHMITT
ROBERT HICKEN
CLAUS ROPERS

Magnetic Brain Stimulation and Imaging

RAVI HADIMANI
SAKHRAT KHIZROEV
SAMUEL OBERDICK
PADMAVATHI SUNDARAM
SACHIKO YAMAGUCHI-SEKINO

Magnetics for Future Transportation – from Memory to Motors

ANDY KNIGHT
MENGHUANG LAI
LAURA LEWIS
NOUREDDINE TAKORABET
ALLEN YU-JEN WANG

New Challenges in Nanomagnetism from Topology to the Third Dimension

OLIVIER BOULLE
PETER FISCHER
SANDRA RUIZ GÓMEZ
NIKOLAI KISELEV
ANJAN SOUMYANARAYANAN

Novel Magnetic Tunnel Junction Mechanisms for Multifunctional Memories

SEVDENUR ARPACI
JAYASIMHA ATULASIMHA
MATTHEW DANIELS
YANG LV
DAMIEN QUERLIOZ

Spin Caloritronic Metrology

RYO IGUCHI
TIMO KUSCHEL
NIKOLA MAKSIMOVIC
HELENA REICHOVA
TOM SEIFERT

Spin-orbit Torques and Spin Dynamics in 2D Systems

RAN CHENG
TALIEH GHIASI
KAI LITZIUS
XIAO-XIAO ZHANG

Topological Thermoelectrics: Utilizing Topology and Spin for Next-Generation Energy Conversion

CLAUDIA FELSER
SUSANNE STEMMER
SUMANTA TEWARI

Ultrafast Spin-phonon Dynamics

ANDREI KIRILYUK
ROBERTO MERLIN
ULRICH NOWAK
URS STAUB
HANYU ZHU

When Magnons Meet Quantum Spins

MICHAEL BORST
GREGORY FUCHS
ZHONGQIANG HU
JONATHAN MARCKS
YAROSLAV TSEKOVNYAK

As of July 23, 2024



2025 Joint Conference Invited Speakers

LORENA ANGHEL
AHMET AVSAR
HÉLÈNE BÉA
RICCARDO BERTACCO
ALBERTO BOLLERO
FELIX CASANOVA
JEAN-YVES CHAULEAU
VICTORINO FRANCO
SHUNSUKE FUKAMI
RAVI GAUTAM
JIAHAO HAN
MELISSA HENDERSON
STAVROS KOMINEAS

ROOPALI KUKREJA
JIEUN LEE
KANGHO LEE
JUNWEI LIU
SARA MAJETICH
STEPHANE MANGIN
HIDETOSHI MASUDA
JEFF MCCORD
YUJI NAKAGAWA
TIANXIANG NAN
JOSEP NOGUÉS
YOSHICHIKA OTANI
MIGUEL ROMERA

SUJOY ROY
TOSHIRO SATO
KATRIN SCHULTHEISS
JAIRO SINOVA
CHENG SONG
JORDI SORT
XIN TANG
SERGIO VALENZUELA
SARAH WATZMAN
ANGELA WITTMANN
JIE ZHANG
YING ZHANG