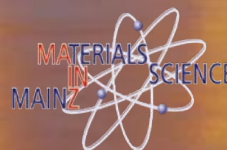




# 9<sup>th</sup> **JEMS Conference 2018**

Joint European Magnetic Symposia

September 2018 - Mainz, Germany










# Projected Schedule



<b>Fall 2016-Spring 2017</b>	Website preparation and management set-up	✓
<b>April-May 2017</b>	Website opens for JEMS 2018	✓
<b>April 2017</b>	Recruiting of Symposia Chair and Organizers	✓
<b>September 2017</b>	Call for abstracts	✓
<b>March 2018</b>	Deadline for submission of abstracts	✓
<b>April 2018</b>	Notification of abstracts	✓
<b>April 2018</b>	Early booking deadline for exhibitors	✓
<b>June 2018</b>	Early registration deadline	✓
<b>July 2018</b>	Paper submission deadline	✓
<b>September 2018</b>	JEMS	✓

# Organizing Committees

## **Organizing committee**

Jairo Sinova (General Chair)

Mathias Kläui (Co-Genergal Chair)

## **Local Committee**

Martin Jourdan

Karin Everschor-Sitte

Hans-Joachim Elmers

## **Co-treasurer**

Elisabetta Agostinelli

## **Program Committee**

Yoshichika Otani (Chair)

Sergio Valenzuela

Christopher H. Marrows

Jeffrey McCord

Oliver Gutfleisch

Bert Koopmans

Philipp Pirro

Liliana Buda-Prejbeanu

Roberta Sessoli





# National Committee

1. Burkard Hillebrands (Kaiserslautern)
2. Maritn Aeschliemann (Kaiserslautern)
3. Ilie Radu, BESSY, Germany
4. Alexey Popov, Leibniz Institute for Solid State and Materials Research, Germany
5. Denys Makarov, Helmholtz-Zentrum Dresden-Rossendorf e.V., Germany
6. Luana Caron, Max Planck Institute for Chemical Physics of Solids, Germany
7. Vladislav Demidov, University of Münster, Germany
8. Jaroslav Fabian, Universität Regensburg, Germany
9. Chrisitan Back, Universität Regensburg, Germany
10. Claudia Felser, Max Planck Institute for Chemical Physic of Solids, Germany
11. Stuart Parkin, Max Planck Institute of Microstructure Physics, Germany
12. Rafal E Dunin-Borkowski, Research Centre Jülich, Germany
13. Guido Meier, Max-Planck Institute for the Structure and Dynamics of Matter, Germany
14. Kathrin Dörr, Halle-Wittenberg (MLU), Germany
15. Elana Vedmedenko, University of Hamburg, Germany
16. Manfred Albrecht, University of Augsburg, Germany
17. Stefan Heinzel, Kiel
18. Stefan Blügel, Jülich
19. Wolfgang Wernsdorfer, Karlsruher



# JEMS 2018

SUNDAY	MONDAY 3.9.18					TUESDAY 4.9.18					WEDNESDAY 5.9.18					THURSDAY 6.9.18					FRIDAY 7.9.18				
SET UP  exhibition poster area lecture halls media centre registration	Registration																								
	Welcome Address																								
	Plenary Talk: Claus Ropers					Plenary Talk: Tomas Jungwirth					Plenary Talk: Geoffrey S. D. Beach					Plenary Talk: Julie Grollier					Plenary Talk: Laura Heyderman				
	Gerrit Bauer		Russell Cowburn			Jean-Marc Triscone		Stefan Blügel			Jeffrey Bokor		Amir Yacoby			Luis Hueso		Daniel Loss, Univ. Basel			Jagadeesh Moodera		Dieter Suess		
	Coffee Morning Break					Coffee Morning Break					Coffee Morning Break					Coffee Morning Break					Coffee Morning Break				
	S5 - PS1	S14 - PS1	S12 - PS1	S10 - PS1	S13 - PS1	S15 - PS1	S12 - PS3	S1 - PS1	S3 - PS1	S13 - PS4	S5 - PS6	S17 - PS2	S8 - PS2	S4 - PS1	S7 - PS1	S16 - PS1	S3 - PS3	S15 - PS3	S11 - PS1	S18 - PS2	S7 - PS2	S14 - PS6	S4 - PS2	S15 - PS4	S16 - PS2
	lunch break / Exhibition					lunch break / Exhibition					lunch break / Exhibition					lunch break / Exhibition					lunch break / Exhibition				
	S5 - PS2	S10 - PS2	S8 - PS1	S9 - PS1	S13 - PS2	S5 - PS4	S17 - PS1	S6 - PS1	S14 - PS3	S9 - PS2	Pietro Gambarde lla		Antoni Planes		S5 - PS7	S6 - PS1	S1 - PS2	S14 - PS4	S8 - PS3	S5 - PS9	S14 - PS7	S2 - PS2	S3 - PS4	S11 - PS2	S4 - PS1
	Coffee Afternoon Break					Coffee Afternoon Break					Peter Grunberg Honorary Session					Coffee Afternoon Break					Coffee Afternoon Break				
S5 - PS3	S14 - PS2	S12 - PS2	S10 - PS3	S13 - PS3	S5 - PS5	S15 - PS2	S12 - PS4	S3 - PS2	S9 - PS3	Exhibition, and Poster Session B					S5 - PS8	S8 - PS4	S9 - PS4	S14 - PS5	S18 - PS1	Refreshments and Poster Session C					
					Refreshments and Poster Session A																				
Welcome Reception															Dinner at Schloss Mainz										



## **9<sup>th</sup> JEMS Conference 2018**

Joint European Magnetic Symposia

- **Number of Participants: 966 (JEMS2016 ~650)**
- **1113 abstract submissions (724 talks, 389 posters)**
- **17 Plenary/Semi-plenary type talks, 38 Invited talks, 404 contributed talks**
- **About 60% success rate of contributed talks**
- **6 Children in the Childcare area**
- **Social Program: 30 people participating**
- **Special Gathering of Women in Magnetism: 90 participants**
- **New policy of invitation to previous chairs of JEMS2018 and hand-over meeting**



## Report: JEMS 2018 / Submitted abstracts

10.04.18

Submitted											
Overall submitted abstracts:					1113						
Abstract submissions ordered by presentation type					Submitted					Eligible contributed talks (doubles discounted)	
Poster presentation					389					687	
Contributed talks (oral presentation)					724				Av success rate	Av. success rate (doubles discounted)	
									56%	59%	
ThemenNr.	Abstract submissions ordered by topic	doubles	ables Interi	Submitted		Contr. Talks	Inv. Talks	# of sessions			total # of sessions
01	Biomagnetism and medical applications			36	24						60,0
	Poster presentation			17							
	Contributed talks (oral presentation)	1	0	19		12	2	2,0	63%	67%	total # of contr. talks
02	Electronic correlations, superconductivity, superconducting spintronics			22	14						404
	Poster presentation			9		8	2	1,5	62%	62%	total # of invited talks
	Contributed talks (oral presentation)	0	0	13							38
18	Magnetism and spin transport in topological materials			22	14						
	Poster presentation			9		8	2	1,5	62%	67%	
	Contributed talks (oral presentation)	1	0	13							
03	Frustrated and disordered magnetism			78	50						
	Poster presentation			27		28	2	4,0	56%	60%	
	Contributed talks (oral presentation)	4	1	51							
04	Magnetic memories and magnetic recording, sensors			46	30						
	Poster presentation	4	1	17		16	2	2,5	55%	55%	
	Contributed talks (oral presentation)			29							
11	Micromagnetic modelling			16	8						
	Poster presentation			3		8	2	1,5	62%	67%	
	Contributed talks (oral presentation)	1	0	13							
05	Magnetic thin films, surface, interfaces, and nano-structured low dimensional system			224	156						
	Poster presentation			83		68	2	9,0	50%	55%	
	Contributed talks (oral presentation)	17	5	141							
06	Magnetic shape memory, magnetoelastic and multifunctional materials			38	26						
	Poster presentation			18		12	2	2,0	60%	71%	
	Contributed talks (oral presentation)	3	0	20							
07	Magnetism and spintronics in organic materials and carbon based systems			39	27						
	Poster presentation			14		12	2	2,0	48%	55%	
	Contributed talks (oral presentation)	3	0	25							
08	Antiferromagnets and antiferromagnetic spintronics			68	40						
	Poster presentation			22		28	2	4,0	61%	64%	
	Contributed talks (oral presentation)	2	0	46							
09	Spin transport and spin dynamics			73	45						
	Poster presentation			21		28	2	4,0	54%	57%	
	Contributed talks (oral presentation)	3	0	52							
10	Magnetic materials for energy applications			64	44						
	Poster presentation			26		20	2	3,0	54%	57%	
	Contributed talks (oral presentation)	3	1	38							
17	Spin caloritronics			30	18						
	Poster presentation			6		12	2	2,0	52%	57%	
	Contributed talks (oral presentation)	3	1	24							
12	Ultrafast laser-induced magnetization dynamics, magneto-optics and magnetoplasmonics			66	40						
	Poster presentation			16		26	3	4,0	56%	61%	
	Contributed talks (oral presentation)	4	0	50							
13	Complex oxides, multiferroics and composite multiferroics			80	52						
	Poster presentation			37		28	2	4,0	68%	78%	
	Contributed talks (oral presentation)	7	2	43							
14	Domain walls, vortices and skyrmions			115	63						
	Poster presentation			34		52	2	7,0	65%	69%	
	Contributed talks (oral presentation)	6	1	81							
15	Spin waves and magnonics			68	42						
	Poster presentation			24		26	3	4,0	65%	74%	
	Contributed talks (oral presentation)	6	1	44							
16	Spins for quantum technologies			28	16						
	Poster presentation			6		12	2	2,0	55%	57%	
	Contributed talks (oral presentation)	1	0	22							



# Cost overview

JEMS 2018 – Mainz, Germany

Costs	
Congress <u>Venue</u> : conference rooms, conference and media technology, <u>WiFi</u>	165.000 EUR
Refreshments	51.000 EUR
Welcome Reception	17.000 EUR
Conference Banquet	35.000 EUR
Professional Congress Organizer: project- and financial management, advertising and marketing, abstract and speaker management, attendee registration and management, logistics and <u>on site</u> services, sponsoring and exhibition management	73.000 EUR
Third-party costs: graphic design, print materials, sign posting, congress app and webpage, speakers' travel and accommodation costs, poster walls, <b>child care</b>	96.000 EUR
Total Costs <u>exl.</u> 19% VAT)	432.000 EUR
Total VAT	80.000 EUR
<b>Total Cost incl. VAT</b>	<b>517.000 EUR</b>
Revenue	
Conference fees (incl. VAT)	434.000 EUR
Other financing support from sponsors and exhibitors (not incl. VAT)	40.500 EUR
Banquet fee (assuming all participants attend)	20.000 EUR
<b><u>DFG Support+JEMS</u></b>	<b>36.000 EUR</b>
<b>Total Revenue incl. VAT</b>	<b>534.000 EUR</b>
Registration fees (based on JEMS 2016)	
Early Bird fee	600 EUR
Regular fee (after June 2018)	750 EUR
Student and Retired Fee	450 EUR
Student and Retired Fee early bird fee	375 EUR