

## Sunday, August 25

10:00	<b>Registration</b>	Harnack House
12:30	Luncheon	
13:00	Bruker User Meeting	Harnack House
16:00	<b>Opening</b>	Henry Ford Building Max Kade Auditorium
	<i>Pat Appleton (Vocals)</i> Robert Tycko (ISMAR) Bernhard Blümich (Ampère) Thomas Prisner (Euromar) Burkhard Luy (GDCh)	
16:15	<b>ISMAR Prize</b>	Robert Tycko
16:25	<b>Jane Dyson</b>	
16:45	<b>Peter Wright</b>	
17:10	<b>Ernst Prize</b>	Lucia Banci
17:20	<b>Daniella Goldfarb</b>	
17:40	<b>Angela Gronenborn</b>	
18:10	<b>Felix Bloch Lecture</b>	Burkhard Luy
18:15	<b>Franz Hagn</b>	
19:00	Welcome Reception	<i>Di Grine Kuzine</i> Harnack House



**Henry Ford Building**  
Freie Universität Berlin  
Garystraße 35  
14195 Berlin-Dahlem



**Harnack House**  
Max Planck Society  
Innstraße 16-20  
14195 Berlin-Dahlem

## Monday, August 26

08:40	<b>Prize Session</b>	S. Grzesiek and B. Meier	Max Kade Auditorium		
09:20	<b>Callaghan Lecture</b>	<b>Malcolm Levitt</b>			
09:40	<b>Raymond Andrew Prize</b>	<b>Thach Can</b>			
	<b>Anatole Abragam Lecture</b>	<b>Michal Leskes</b>			
10:00	Coffee	Henry Ford Building			
	<b>NMR-Mouse/Low Field NMR</b>	<b>IDP</b>	<b>In-Vivo Methods</b>	<b>Solution NMR Methods</b>	<b>EPR</b>
	MKA	S. Han	I. Felli	N. Müller	E. Bordignon
10:30	Bernhard Blümich	Birthe Kragelund	Robin de Graaf	Arthur Palmer	Stephen Lyon
11:05	Warren Warren	Anna Zawadzka-Kazmierczuk	Norbert Lutz	Daniel Häussinger	Boris Dzikovski
11:30	David Cistola	Christina Sizun	Peter Kiraly	Naitik Panjwani	
11:55	Maria Baias	Roberta Pierattelli	Anke Henning	Gottfried Otting	Elena Bagryanskaya
12:30	Sven Bodenstedt	Alessandro Piaj	Andrew Webb	Vitali Tugarinov	Ilya Kuprov
13:00	Lunch	Harnack House			
14:00	<b>Poster Session A (odd numbers)</b>	Henry Ford Building and Harnack House			
16:00	Coffee	Harnack House			
	<b>Membranes</b>	<b>Materials</b>	<b>Spin Physics</b>	<b>Modelling of Biological Processes</b>	<b>Carbohydrate Interactions</b>
	MKA	B. Bechinger	U. G. Nielsen	H. Schwalbe	C. Rademacher
16:15	Mei Hong	Karen Johnston	George Mitrikas	Sharon Ruthstein	Sabine Hediger
16:50	Birgit Habenstein	Yao Fu	Boris Naydenov	Conor Kelly	Jean-Paul Simorre
17:15	Jordan Chill	Eike Brunner	Claudia Avalos	Tammo Diercks	Jesus Jimenez-Barbero
	<b>Plenary Lecture</b>	H. Oshkinat			Max Kade Auditorium
17:45	<b>Shimon Vega</b>	Summarizing the static DNP mechanisms			
18:30	Bruker Night				

## Tuesday, August 27

	<b>Plenary Lectures</b>	R. Boelens	Max Kade Auditorium		
08:40	<b>Lucia Banci</b>	Magnetic resonance for Cellular Structural Biology: from protein structures to functional processes in a cellular context			
09:20	<b>Monika Schoenhoff</b>	Diffusion and electrophoretic NMR to characterize ion transport in electrolytes			
10:00	Coffee	Henry Ford Building			
	<b>Biomolecules</b>	<b>Dynamics</b>	<b>Computation</b>	<b>Materials</b>	<b>Hyperpolarization Techniques</b>
	MKA	T. Fujiwara	Hall B	Hall C	Hall D
10:30	Volker Dötsch	Ann McDermott	Juha Vaara	Jürgen Senker	Yoh Matsuki
11:05	Fabio Almeida	Anne Grahl	David Goodwin	Wassilios Papawassiliou	Adam Gaunt
11:30	Shenlin Wang	Ruth Pritchard	Arobendo Mondal	Muslim Dvoyashkin	Igor Koptyug
11:55	Chad Rienstra	Rieko Ishima	Darren Brouwer	Katharina Märker	Thomas Meersmann
12:30	Lucio Frydman	Elizaveta Suturina	Miquel Pons	Ribbal Jabbour	Arthur Pinon
13:00	Lunch	Harnack House			
14:00	<b>Poster Session A (odd numbers)</b>	Henry Ford Building and Harnack House			
16:00	Coffee	Harnack House			
	<b>NMR in Drug Design</b>	<b>Phase Separation</b>	<b>Small Molecules</b>	<b>EPR</b>	<b>Instrumentation</b>
	MKA	H. Kessler	Hall B	Hall C	Hall D
16:15	Stephen Fesik	Markus Zweckstetter	Davy Sinnavee	Gregor Hagelueken	Rachel Martin
16:50	Christian Griesinger	Serafima Guseva	Olivier Cata	Melissa Van Landeghem	Silvio Künstner
17:15	David Craik	Galina Debeluchina	Sylwia Ostrowska*	Gunnar Jeschke	Galina Pavlovskaya
	<b>Prize Lecture</b>	T. Prisner			Max Kade Auditorium
17:45	<b>Hassane Mchaourab</b>	Transporter Conformational Dynamics from Spin Labeling EPR Spectroscopy			
18:25	<b>AMPERE General Assembly</b>				Max Kade Auditorium
19:00	<b>Poster Session B (even numbers)</b>	<i>Duo Dopico and Friend</i>			Henry Ford Building and Harnack House

## Wednesday, August 28

	<b>Plenary Lectures</b>	R. Kaptein	Max Kade Auditorium		
08:40	<b>Anne Lesage</b>	Recent developments of DNP enhanced solid-state NMR spectroscopy at high magnetic field and fast MAS			
09:20	<b>Daniel Topgaard</b>	Boosting clinical diffusion MRI with principles from solid-state and Laplace NMR			
10:00	Coffee	Henry Ford Building			
	<b>Integrated Structural Biology</b>	<b>Instrumentation</b>	<b>Small Molecules</b>	<b>Molecular Chaperones</b>	<b>EPR</b>
	MKA	A. Gronenborn	Hall B	Hall C	Hall D
10:30	Juli Feigon	Robert Griffin	Katalin Kövér	Rina Rosenzweig	Aharon Blank
11:05	Philippe Cuniasse	Thomas Meier	Hagop Abadian	Guillaume Mas*	Laura Galazzo
11:30	Janosch Hennig	Dominik Bucher	Christina Thiele	Loic Salmon	Bela Bode
11:55	Teresa Carlomagno	Peter Gor'kov	Patrick Giraudeau	Charalampos Kalodimos	Marina Bannati
12:30	Brunch	Henry Ford Building			
	<b>Price and Plenary Session</b>	B. Luy			Max Kade Auditorium
13:30	<b>PhD Student Ernst Prize</b>	<b>Victoria Atadin, Daniel Friedrich, Bálint Koczor</b>			
	<b>Overhauser Prize</b>	<b>Tomas Orlando</b>			
14:20	<b>Lynette Cegelski</b>	Stronger together: Bacterial weaving of functional amyloid and polysaccharide composites to assemble multicellular biofilm communities			
	<b>Tutorials</b>				Hall A
15:15	<b>Bernd Itermann</b>	Basics of MRI			
16:15	<b>Martin Kaupp</b>	Quantum-Chemical Methods			
17:15	<b>Leonard Mueller</b>	You Spin Me Right `Round: Tensors and Rotations in NMR			
18:10	Music	<i>The EUROISMAR Chamber Orchestra + Duo Dopico</i>			Hall A

## Thursday, August 29

	<b>Plenary Lectures</b>	R. Tycko	Max Kade Auditorium		
08:40	<b>Carlos Meriles</b>	Optically-pumped dynamic nuclear polarization under ambient conditions via nitrogen-vacancy centers in diamond			
09:20	<b>ISMAR General Assembly</b>				
09:30	<b>Zhong Chen</b>	High-resolution NMR spectroscopy applied for field inhomogeneity and spectral congestion			
10:10	Coffee	Henry Ford Building			
	<b>In-Cell NMR</b>	<b>Hyperpolarization Materials</b>	<b>Metabolomics</b>	<b>Biomolecular NMR</b>	<b>Solid-State NMR Methods</b>
	MKA	D. Goldfarb	Hall A	Hall C	Hall D
10:30	Phil Selenko	Oc Hee Han	Yulan Wang	Beat Meier	Steven Brown
11:05	Alberto Collauto	Snaedis Björgvinsdóttir	Elisabeth Vonhof	Yoshitaka Ishii	Jan Stanek
11:30	Siddarth Narasimhan	Nobuhiro Yanai	Wolffram Gronwald	Cyril Chartier*	Kshama Sharma
11:55	Frances Separovic	Moreno Lelli	Neeraj Sinha	Sophie Zinn-Justin	Józef Lewandowski
12:30	David Guarín	Frederic Mentink Vigier	Óscar Millet	Jochen Balbach	Robert Tycko
13:00	Lunch	Harnack House			
14:00	<b>Poster Session B (even numbers)</b>	Henry Ford Building and Harnack House			
15:50	Coffee	Harnack House			
	<b>Metabolomics</b>	<b>In-Vivo Investigations</b>	<b>Nucleic Acids</b>	<b>EPR</b>	<b>Spin Physics</b>
	MKA	F. Rastrelli	Hall A	Hall B	Hall D
16:10	Lloyd Lumata	Kamil Ugurbil	Janez Plavec	Hitoshi Ohta	Kazuyuki Takeda
16:45	Christian Ludwig	Stefan Markovic	Masato Katahira	Alex Smirnov	Bogdan Rodin
	<b>Plenary Lecture</b>	J. Reimer			Max Kade Auditorium
17:15	<b>Mark Sherwin</b>	Pulsed magnetic resonance with a free-electron laser			
19:00	Conference dinner	Clärchens Ballhaus			

## Friday, August 30

	<b>Plenary Lectures</b>	P. Gooley	Max Kade Auditorium		
08:40	<b>Gerhard Wagner</b>	NMR of aromatic side chains in large proteins			
09:20	<b>N. Suryaprakash</b>	Manipulation of spin dynamics for extraction of spectral parameters, ultra high resolution and sensitivity enhancement			
10:00	Coffee	Henry Ford Building			
	<b>Solution NMR Methods</b>	<b>Hyperpolarization</b>	<b>MRI Developments</b>	<b>Spin Physics</b>	<b>Dynamics</b>
	MKA	S. Grzesiek	Hall B	Hall C	Hall D
10:30	Daniel Nietlisbach	Geoffrey Bodenhausen	Petrik Galvosas	Magdalena Kowalska	Mikael Akke
11:05	Nina-Eleni Christou	Daphna Simon	Oleg Salnikov	Anu Kantola	Ulrich Scheler
11:30	Boris Fürting	Denis Kurzbach	Julia Krug	Friedemann Reinhard	Kay Saalwächter
11:55	Haribabu Arthanari	Sören Lehmkühl	Hiroshi Hirata	Fazhan Shi	Fabien Ferrage
12:30	Brunch	Henry Ford Building			
	<b>Plenary Session</b>	H. Oshkinat			Max Kade Auditorium
13:30	<b>Suraj Manrao Student Poster Awards, FEBS Journal Poster Awards, Wiley Magnetic Resonance in Chemistry Awards for Young Scientists, Journal of Magnetic Resonance-ISMAR Young Scientists Awards</b>				
14:10	<b>Lloyd Hollenberg</b>	Nanoscale magnetic spin resonance using the nitrogen vacancy centre in diamond			
14:50	<b>Martin Blackledge</b>	Dynamic complexes and complex dynamics – NMR studies of large scale protein motions			
15:30	<b>Closing Remarks</b>	O. Schiemann / O. Millet / T. Fujiwara / T. Prisner / R. Tycko			
	Departure				

\* Magnetic Resonance in Chemistry Award for Young Scientists Prize Winner



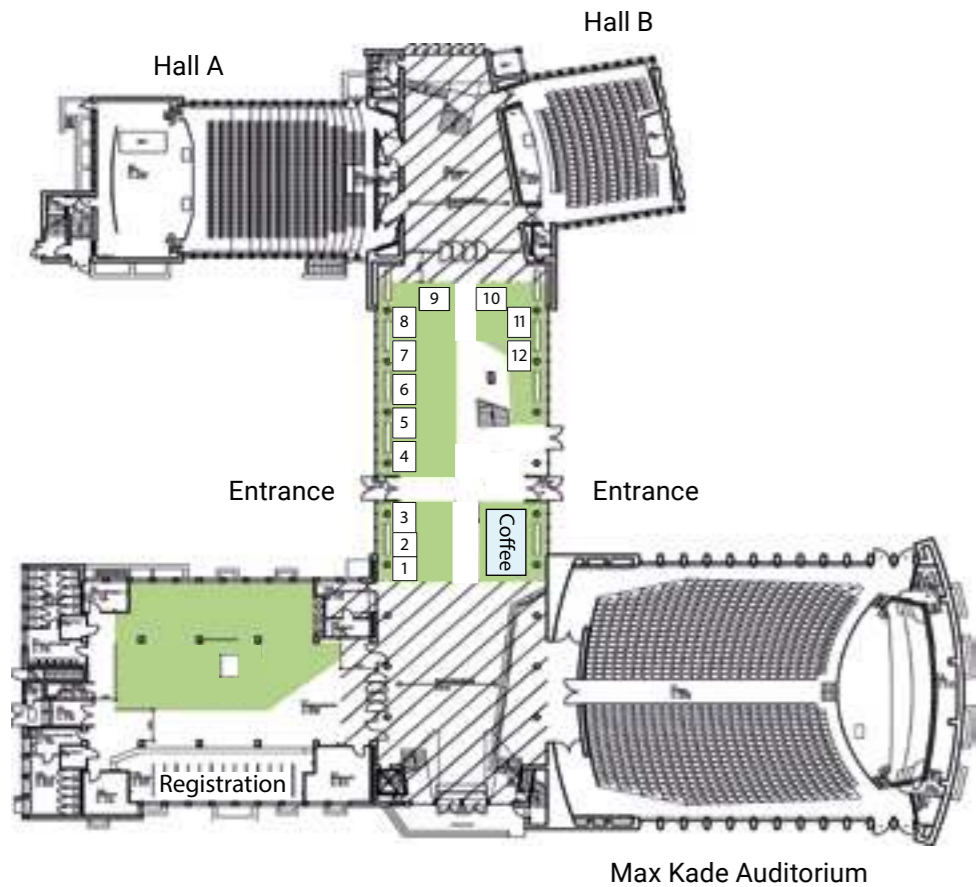
**21<sup>ST</sup> ISMAR –  
15<sup>TH</sup> EUROMAR**  
August 25 – 30, 2019  
Henry Ford Building  
Freie Universität Berlin

2019  
**ISMAR  
EUROMAR**

JOINT CONFERENCE  
GDCh FGMR Discussion Meeting

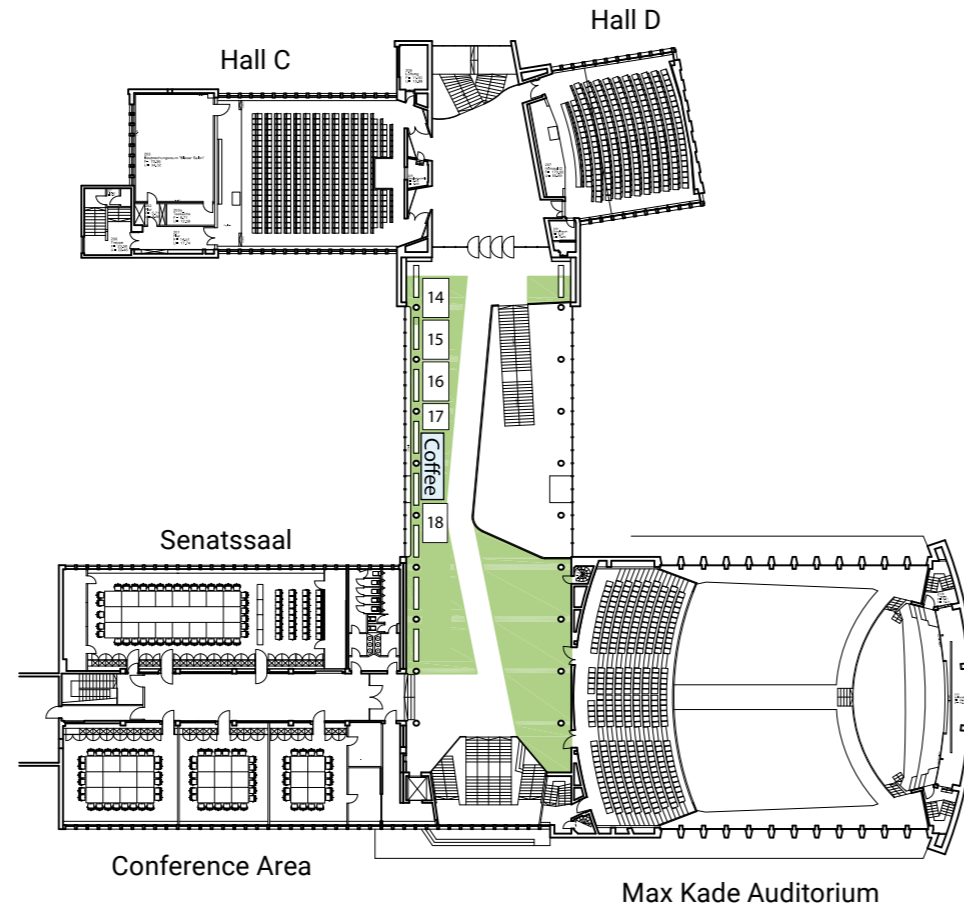
**EXHIBITION PLAN**  
**HENRY FORD BUILDING**  
 GROUND FLOOR

- 1: CIL | Eurisotop
- 2: Giotto Biotech S.R.I.
- 3: Cortecnet
- 4: ACD / Labs
- 5: Magnettech
- 6: Mestrelab Research
- 7: Oxford Instruments | Rototec Spintec
- 8: PhoenixNMR LLC
- 9: Silantes
- 10: Virginia Diodes
- 11: Voxalytic GmbH
- 12: Zurich Instruments



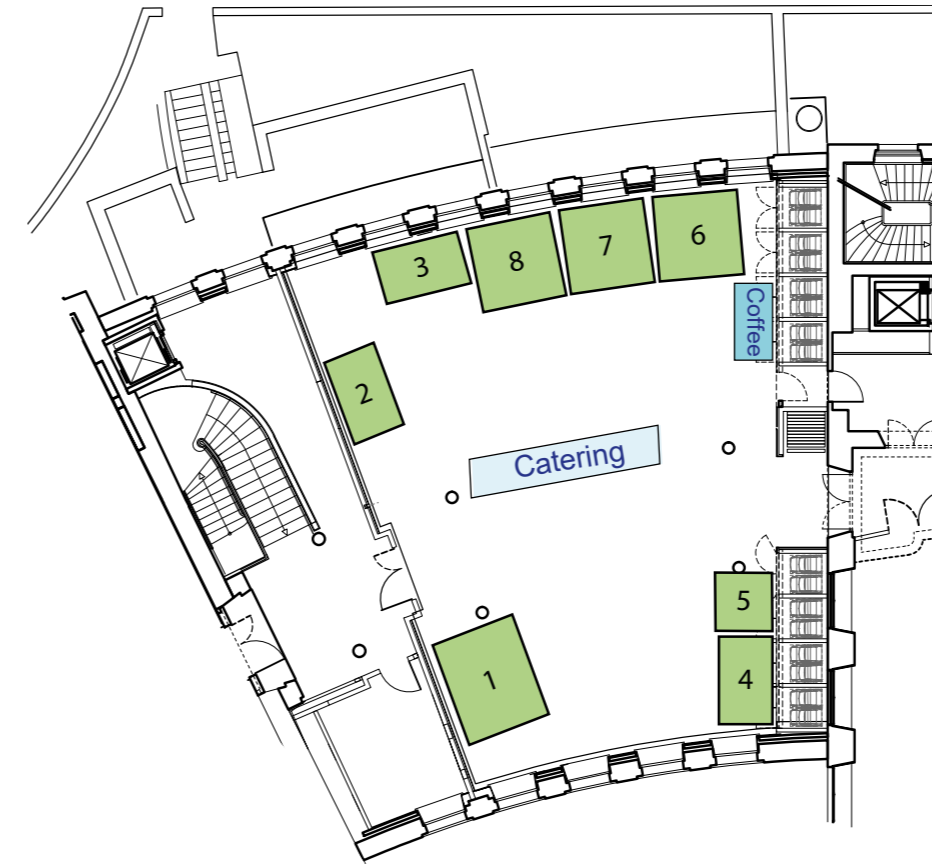
**EXHIBITION AND POSTER PLAN**  
**HENRY FORD BUILDING**  
 FIRST FLOOR

- 14: Stelar Srl
  - 15: Nanalysis GmbH
  - 16: NMR Service | SpinDoc
  - 17: Bruker
  - 18: Cryogenic Ltd
- POSTER SESSIONS:**  
 Mezzanine (Intermediate Storey)  
 A: P393-P543  
 B: P394-P544
- 1st Floor  
 A: P545-P629  
 B: P546-P630



**EXHIBITION PLAN**  
**HARNACK HOUSE**  
 MEITNER SAAL

- 1: Merck
- 2: Bridge 12 | Logs
- 3: Scientific Magnetics
- 4: Adani
- 5: Giotto Biotech
- 6: Cil | Eurisotop
- 7: qOneTec
- 8: R2SD



**EXHIBITION AND POSTER PLAN**  
**HARNACK HOUSE**  
 PLANCK LOBBY

- 1: Bruker
- 2: Jeol
- 3: Magritek

- POSTER SESSIONS:**
- |             |              |
|-------------|--------------|
| Goethe-Saal | Warburg-Saal |
| A: P1-P215  | A: P217-P281 |
| B: P2-P216  | B: P218-P282 |
- Laue-Saal:  
 A: P283-P391  
 B: P284-P392

