

Dear NMR colleagues,

The 60th scientific meeting of the Dutch NMR Discussion Group this year will be held at Radboud University (host: Evan Wenbo Zhao & Marian de With) on Friday Oct 31, 2025. This year marked the **Diamond Jubilee of the NMRDG annual meeting** and will feature four keynote speakers, Prof Geoffrey Bodenhausen (Ecole Normale Supérieure), Dr. Andreas Brinkmann (National Research Council Canada), Prof. Birthe Kragelund (University of Copenhagen) and Prof Geerten Vuister (University of Leicester). A festive buffet dinner will be served at the end.

We invite you to submit a possible contribution from your research group for **an oral presentation** at this meeting. A jury will select the best oral presentation by a young scientist for an Early Career Award. Please send us before Aug 15, 2025, the proposed presentation (short description or abstract, including name of the presenter, affiliation, title of the presentation) to nmrdgnl@gmail.com.

For **poster presentation**, please indicate in the registration form if you would like to present a poster and what would be the title.

[Registration form is linked here.](#)

The day before the NMRDG annual meeting will be **Arno Kentgens' Symposium** to celebrate Arno's 25 years Professorship in Magnetic Resonance in Nijmegen. It is on Thursday Oct 30, 2025. Featured speakers are: Marc Baldus (Utrecht University/HFML-FELIX/Radboud University), Geoffrey Bodenhausen (ENS/EPFL), Andreas Brinkmann (National Research Council Canada), Matthias Ernst (ETH Zurich), Helen Grueninger (University of Bayreuth), Paul Jonsen (TalaveraScience), Jeffrey Reimer (UC Berkeley), Angel Wong (PhD student representative). The lectures are open to public and free of charge. Please indicate whether you are interested in attending the lectures in the registration form.

Kind regards,

On behalf of the Organising Committee NMR DG meeting 2025

Evan Wenbo Zhao (Radboud University), Marian de With (Radboud University), Luc Alders (Eurofins), Rolf Boelens (Utrecht University), Klaartje Houben (DSM-Firmenich), Hugo van Ingen (Utrecht University), Daan de Kort (Shell), Patrick van der Wel (University of Groningen), Anne Wentink (University of Leiden)

60th NMRDG Annual Meeting 2025 — Program

Dutch NMR Discussion Group • 2025 Oct 31st

Hg00.307 Huygensgebouw

Session Chair	Time	Session / Speaker / Title
Ernst van Eck	09:30	Reception with coffee
	10:00	Alexey Kimel (IMM Director), Welcome to Institute for Molecules and Materials, Radboud University
	10:15	<i>Keynote:</i> Geoffrey Bodenhausen (ENS Paris) Long-lived coherences: useful tool or mere curiosity?
	10:45	Bono Jimmink (RU) Complex mixture analysis at micromolar concentrations using benchtop NMR with SABRE hyperpolarization
	11:05	Shengnan Zhang (TUD) The lasting impact of formation cycling on the Li-ion kinetics between SEI and the Li-metal anode: insights from ssNMR
	11:25	<i>Keynote:</i> Andreas Brinkmann (NRC Ottawa) NMR Crystallography of Cannabinoids
	11:55–14:00	Poster session and lunch buffet
Klaartje Houben	14:00	<i>Keynote:</i> Birthe Kragelund (REPIN, University of Copenhagen) From protein noodles to the origins of life – why NMR is necessary
	14:30	Rosan de Winter (UU) Towards the native molecular action of the antibiotic teixobactin
	14:50	Martina Huber (LU) Nanometer distance measurements by Electron Paramagnetic Resonance – examples from chemistry to in cell
	15:10	Coffee break
Luc Alders	15:30	James Kempf (Bruker) High-throughput Dissolution DNP for NMR & MRI
	15:50	Valentina Ferro (VU) Using ¹ H NMR to study metabolic changes induced by oxidative stress in a human cell system
	16:10	Evgeny Uslamin (TUD) Chasing the active state by dynamic NMR: identifying catalytic species in homogeneous hydrogenative PET upcycling
	16:30	<i>Keynote:</i> Geerten Vuister (University of Leicester) Using the CcpNmr software for assignment, screening, metabolomics, dynamics and structure
Rolf Boelens	17:00–17:15	Closure
	17:15–18:00	Drinks
	18:00	Festive dinner

NAME	AFFILIATION
1 Pablo Eizaguirre	TU Delft
Low-field NMR-relaxometry exploring porewater in expansive clays	
2 Anjali Pandit	Leiden University
Real-time recording of structural dynamics and metabolic processes in live microalgae cells	
3 Dr Sanel Suljić	Magritek GmbH
NON-DEUTERATED SOLVENT NMR SPECTROSCOPY TO FOLLOW REACTIONS IN THE FUME HOOD	
4 Alessia Lasorsa	University of Groningen
In-situ irradiated solid-state NMR for characterization of photochemical processes and materials under magic angle spinning.	
5 Ajit Kumar Bishoyi	Utrecht University
Deciphering Complex Biomolecular Interactions By In Situ Solid-State NMR Spectroscopy	
6 Iulia Bodnariuc	Utrecht University
Unlocking the potential of native solid-state NMR to study GPCRs in the native membrane environment	
7 Lex Jelier	Netherlands Forensic Institute (NFI)
Introducing Isotope Ratio NMR to the Forensic Field: Development and Implementation for Source Level Profiling	
8 Pranav Karanth	TU Delft
Designing Fluorine-free electrolytes for Lithium metal batteries: Insights from NMR	
9 Hugo van Ingen	Utrecht University
Structural basis of serotonylation recognition	
10 Ernst van Eck	Radboud University
Phosphor oxidation controls shell growth in InP/ZnSe quantum dots	
11 Jop Wolffs	Radboud University
Magpie: a realistic virtual spectrometer for students	
12 Mattia Negroni	Radboud University
Hyperpolarized Laplace Benchtop NMR for Enhanced Resolution of Complex Mixtures	
13 Tom Speelman	Radboud University
ZORA Spin-Orbit Coupled GIPAW Calculation of NMR Chemical Shielding ZORA Spin-Orbit Coupled GIPAW Calculation of NMR Chemical Shielding	
14 Laura Iatisin	Wageningen University and Research, Laboratory of Biophysics
Self-healing under stress: Zooming into the response of self-healing materials	
15 Jelle Wijnands	Utrecht University, NMR department
Probing binding modes of the artificial metalloenzyme LmrR	
16 Niels de Roo	Unilever
Rapid quantitative assessment of lipid and phytate composition in plant-based protein ingredients by ³¹P and ¹H NMR	
17 Sam Kuijpers	Wageningen University & Research
Flow-MRI enables in situ rheological characterisation of protein melt extrusion	

18	Courtney Leigh	Unilever Foods Innovation Centre	Validation of Chemadder as a QMSA-based spectral deconvolution approach for 1H qNMR
19	Marie Harder	MRRC, Radboud University	MRSI - Parallelising NMR Measurements
20	Meera Mohankumar	TU Delft	Demystifying the mechanism of ion transport in succinonitrile embedded hybrid electrolytes spectra of complex mixtures
21	Joep van Rijn	DSM-Firmenich	Simple, Fast and Quantitative 1D 1H NMR method for enantio-discrimination of Zeaxanthin
22	Sajal Arwish	Universität Münster	Understanding the Behaviour of Li ion coordination in Ionic liquid based gel electrolytes via Zwitterionic polymer integration
23	Sander Lambregts	Radboud University, MRRC	Elucidating the relation between KBPh4 and PEO for potassium-based batteries using 39K NMR
24	Jeroen Pikkemaat	Johnson & Johnson Innovative Medicine	Quantification of Niraparib-Laurylsulfate in Niraparib/Abiraterone-Acetate Drug Product using Solid-State NMR and Optimized Strategies for Data Processing.
25	Vince Elter	Radboud University	Coupled acquisition of NMR, EPR, and electrochemistry
26	Martijn Kurvers	TUE	2D Spatial imaging using CW NMR

REGISTRATIONS 60TH NMRDG OCTOBER 31ST 2025

	Name	Affiliation
1	Adriana Carvalho de Souza	dsm-firmenich
2	Ajit Kumar Bishoyi	Utrecht University
3	Alberto Biagini	TU Delft
4	Alessia Lasorsa	University of Groningen
5	Ali Amiri	TU Delft
6	Andrea Orsetti	Utrecht University
7	Andreas Brinkmann	National Research Council Canada
8	Angel Wong	Radboud University
9	Anjali Pandit	Leiden University
10	Anne Wentink	Leiden University
11	Arno Kentgens	Radboud University / MRRC
12	Biffo Abdulkadir Olatunbosun	TU Delft
13	Bing Wu	University College Dublin
14	Birthe Kragelund	University of Copenhagen
15	Bono Jimmink	Radboud University
16	Camilla Terenzi	Wageningen University and Research
17	Carel Windt	Forschungszentrum Juelich
18	Courtney Leigh	Unilever Foods Innovation Centre
19	Daan de Kort	Shell
20	David Alonzo Poole III	Vrije Universiteit Amsterdam
21	Dr Sanel Suljić	Magritek GmbH
22	Edwin Kellenbach	Biochem Oss
23	Eiso AB	ZoBio
24	Elwin Janssen	Vrije Universiteit Amsterdam
25	Emmy Spierings	NMR user in industry
26	Eric Leonardis	Bruker France
27	Ernst van Eck	Radboud University
28	Evan Wenbo Zhao	Radboud University
29	Evgeny Uslamin	TU Delft
30	Faith Osifo	Buchem B.V.
31	Federico Paruzzo	Bruker
32	Ferry Willems	Buchem BV
33	Floris Dekker	Wageningen UR, BioNanoTechnology
34	Folkert de Vries	University of Groningen
35	Frank Vergeldt	Wageningen University & Research, Laboratory of Biophysics
36	Frans Mulder	Johannes Kepler University
37	Frederic Girard	Bruker Biospin
38	Geerten Vuister	Leicester University
39	Geoffrey Bodenhausen	ENS Paris
40	Gerrit Janssen	RU
41	Gert-Jan Goudappel	Unilever
42	Ghada Badawy	Springer Nature
43	Giulliana Silva	Radboud Universiteit
44	Gurinov Andrei	Utrecht University
45	Helen Grüninger	University of Bayreuth
46	Henk Van As	Wageningen University
47	Hugo van Ingen	Utrecht University
48	Iulia Bodnariuc	Utrecht University

49 Jasper Jacobi	Nippon Gases
50 Jeanine Prompers	Maastricht University
51 Jelle Wijnands	Utrecht University, NMR department
52 Jeroen Pikkemaat	Johnson & Johnson Innovative Medicine
53 Jim Kempf	Bruker Biospin
54 Joep van Rijn	DSM-Firmenich
55 Johan Hollander	ZoBio B.V.
56 Johan van der Zwan	Technical NMR support
57 John van Duynhoven	Unilever
58 Jop Wolffs	Radboud University
59 Julia Krug	Wageningen University & Research
60 Julia van de Ven	Student
61 Julien van Velthoven	Canon Production Printing B.V.
62 Julija Romanuka	Shell
63 Kalpana Ekambaranathan	Buchem BV
64 Katarina Rajic Miskovic	SEE group - The Reactor Institute - TU Delft
65 Kaya Goertz	Wageningen University & research
66 Kim Baas	intern at MRRC
67 Kirsten Theunissen	Springer Nature
68 Klaartje Houben	dsm-firmenich Science & Research
69 Klaas Dijkstra	NMR dep. Univ. Groningen
70 Klaas Hallenga	NMR Advice
71 Laura Iatisin	Wageningen University and Research, Laboratory of Biophysics
72 Leo Pel	private
73 Léon Witteman	Utrecht University, Organic chemistry and catalysis
74 Lex Jelier	Netherlands Forensic Institute (NFI)
75 Luc Alders	Eurofins Spinnovation Analytical
76 Marcellus Ubbink	Leiden University
77 Marco Tessari	Radboud University
78 Marcus A. Hemminga	Wageningen University (retired)
79 Marian de With	Radboud University
80 Marie Harder	MRRC, Radboud University
81 markus weingarth	utrecht
82 Martijn Kurvers	TUE
83 Martina Huber	LU
84 Mattia Negroni	Radboud University
85 Meera Mohankumar	TU Delft
86 Miguel Dionísio	TU Delft
87 Nancy Priyadarshini	Utrecht University
88 Nancy Priyadarshini	Utrecht University
89 Nanda de Klerk-Sprekels	eMolecules
90 Narendra L. Venkatarreddy	Bruker Biopspin
91 Niels de Roo	Unilever
92 Noel de Kler	Radboud Universiteit
93 Olav Dumoulin	Bachelor student
94 Pablo Eizaguirre	TU Delft
95 Patrick van der Wel	University of Groningen
96 Paul Jonsen	TalaveraScience
97 Paulo Dani	Nouryon Specialty Chemicals
98 Penders Marc	Bruker

99	Peter van den Berg	TUD (SEE)
100	Pieter van der Meulen	University of Groningen
101	Pranav Karanth	TU Delft
102	Raquel Barrulas	Faculty of Science and Technology, University of Twente
103	Raquel Serial	TU Delft
104	Raquel Serial	TU Delft
105	Ricardo Martinho	University of Twente
106	Robbie Iuliucci	Washington and Jefferson College
107	Robert Kaptein	Universiteit Utrecht
108	Rolf Boelens	Utrecht University
109	Rosan de Winter	Utrecht University
110	Ruediger Weisemann	Bruker Biospin GmbH & Co. KG
111	Ruud Aspers	Radboud University
112	Sajal Arwish	Universität Münster
113	Sam Kuijpers	Wageningen University & Research
114	Samuel Renardel de Lavalette	UvA
115	Sander Lambregts	Radboud University, MRRC
116	Sepideh Mazloomzadeh	Oxford Instruments GmbH
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126	Thom Posthumus	Radboud Universiteit
127	Tijn Grintjes	Radboud university
128	Timo Kneppers	MRRC bachelor intern
129	Tom Govaerts	JEOL
130	Tom Speelman	Radboud University
131	Valentina Ferro	Vrije Universiteit
132	Vince Elter	Master Student
133	Willian Hogendoorn	Delft University of Technology
134	Xufeng Xu	Radboud University
135	Yanzhang Luo	Wageningen University
136	Yassine Seffar	Material sciences Energy and nano-engineering Department, um6p
137	zhikang cheng	Radboud University