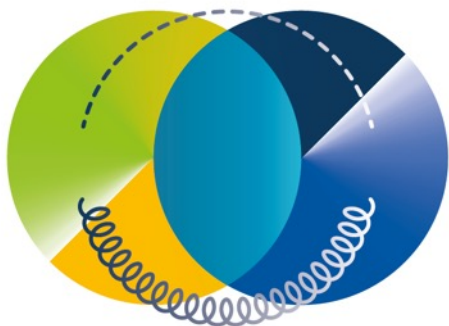




color meets flavor

CmF Cluster Assembly

Jochen Dingfelder

March 13-15, 2026

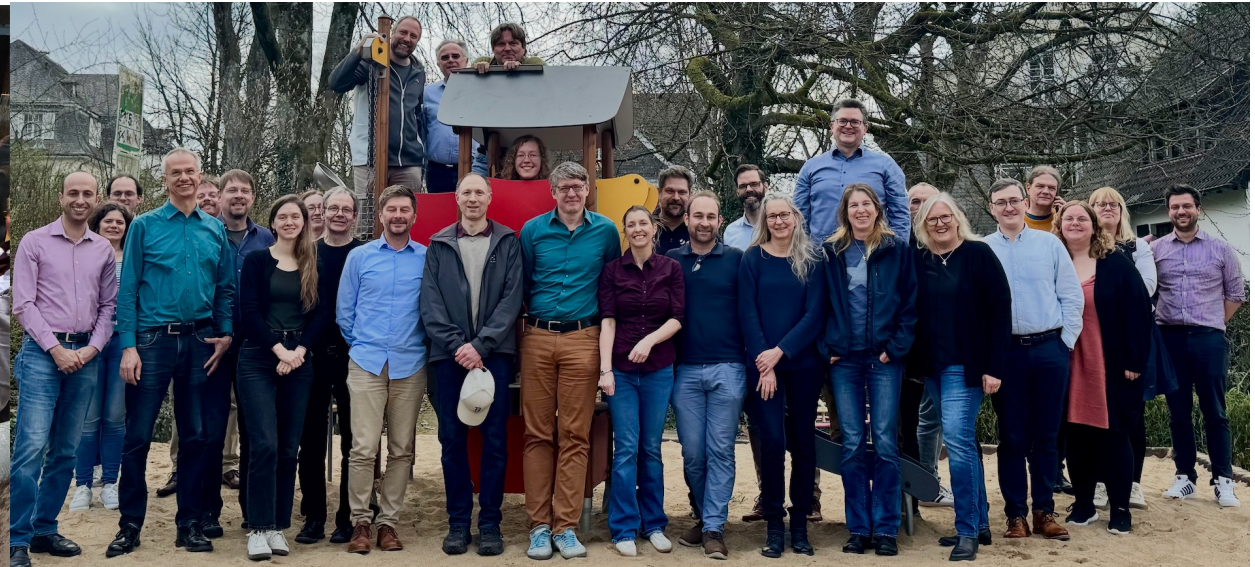
Kulturhaus Lyz, Siegen



Constituent Meeting (TU Dortmund)



Cluster Retreat (Schwelm)



AGENDA

1. Program of the General Assembly
2. CmF Membership and governance
3. Organization
4. Research and education
5. Finances
6. AOB

PROGRAM OVERVIEW

Monday

09:00	Registration and Coffee	
10:00		
11:00		Cluster Board Meeting Jochen Dingfelder Kulturzentrum Lȳz 10:30 - 11:30
	Kulturzentrum Lȳz 09:30 - 11:45	
12:00	Welcome and Report by the Spokesperson Jochen Dingfelder Kulturzentrum Lȳz 11:45 - 13:00	
13:00	Lunch Break	
14:00	Kulturzentrum Lȳz 13:00 - 14:30	
15:00	RA 1 Summary (15'+5') Christoph Hanhart et al.	
	RA 2 Summary (15'+5') Slavomira Stefkova et al.	
	RA 3 Summary (15'+5') Markus Cristinziani	
	Coffee	
16:00	RA 4 Summary (15'+5') Emmanuel Stamou et al.	
	TA 1 / IHL Summary (15'+5') Ingrid Maria Gregor et al.	
	TA 2 / IAL Summary (15'+5') Florian Bernlochner et al.	
17:00	Coffee Break	
	Summary on Outreach Activities (12'+3') Alexander Lenz	
	Report on DEI Activities (12'+3') Jochen Dingfelder	
18:00	Report on Transfer Activities (12'+3') Kevin Kr�ninger	
	Report on Sustainability Activities (12'+3') Philip Bechtle	
	Dinner (self-organised)	
19:00		

Tuesday

09:00	ECR Meeting	
	Group Leader Meeting	
10:00	Kulturzentrum Lȳz 09:00 - 10:30	Kulturzentrum Lȳz 09:30 - 10:45
	Coffee	
11:00	Kulturzentrum Lȳz 10:30 - 11:15	
	RA 3 Working Session Claude Duhr, Markus Cristinziani Kulturzentrum Lȳz 11:15 - 12:00	
12:00	RA 4 Working Session Kulturzentrum Lȳz 12:00 - 12:45	
13:00	Lunch Break	
14:00	Kulturzentrum Lȳz 12:45 - 14:15	
	TA 1 Working Session Kulturzentrum Lȳz 14:15 - 15:00	
15:00	TA 2 Working Session Kulturzentrum Lȳz 15:00 - 15:45	
16:00	RA 1 Working Session Kulturzentrum Lȳz 15:45 - 16:30	
	RA 2 Working Session Kulturzentrum Lȳz 16:30 - 17:15	
17:00	Q&A Session	
18:00	Kulturzentrum Lȳz 17:15 - 18:15	
19:00	Guided Tour through Historic Town and Castle Park Historic Town Center 19:00 - 20:00	
20:00	Conference Dinner	
21:00		

Wednesday

	Opening Remarks by the Spokesperson Jochen Dingfelder	
	The QCD Axion meets Flavor Dr Robert Ziegler	
09:00	Kulturzentrum Lȳz 08:40 - 09:20	
	Studying the vector states above the open-charm threshold with BESIII Dr Nils H�sken	
10:00	Coffee Break	
	From quarks to hadrons and back again: A journey across branch cuts ... Dr Florian Herren	
11:00	Meson Spectroscopy and Amplitude Analyses at the COMPASS and Belle II Dr Stefan Wallner	
12:00	Effective Field Theories for Color and Flavor Dr Philipp B�er Kulturzentrum Lȳz 11:50 - 12:30	
13:00	Lunch Break	
	Kulturzentrum Lȳz 12:30 - 14:00	
14:00	Advancing the semileptonic precision frontier at Belle II: Better measurements Dr Philipp Horak	
15:00	Precision Measurements as a Probe of New Physics: From Higgs Bosons to τ -leptons Dr Fabian Becherer	
	Into the (Infra)Red: Subtraction of Soft Gluons in Higgs Boson Production Dr Chiara Signorile-Signorile	
16:00	Coffee Break	
	Squeezing the Standard Model: ML-driven top & Higgs physics at the LHC Dr Melissa Quinlan	
17:00	Strongly Interacting Dynamics and their Quantum Origin Dr Adrien Florio Kulturzentrum Lȳz 17:10 - 17:50	
	Closing Remarks by the Spokesperson Jochen Dingfelder	
18:00		

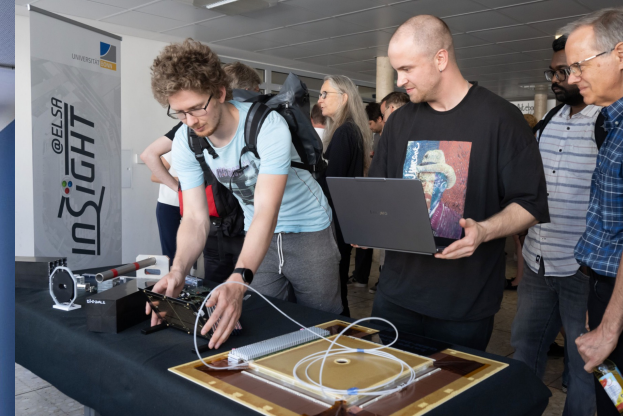
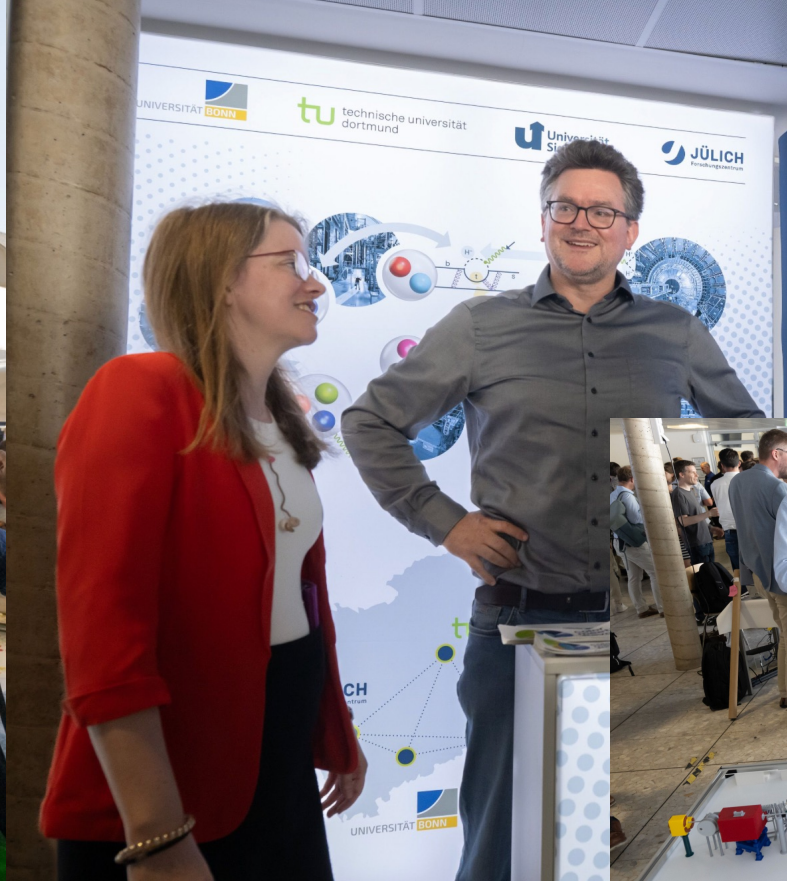


The Spellbinding World of Particle Physics

New Color meets Flavor Cluster of Excellence formally inaugurated







MEMBERSHIP AND GOVERNANCE

CmF MEMBERSHIP

Regular members (faculty, scientific staff, postdocs)	107
Student members (doctoral students)	70
Non-scientific members (technical and admin. staff)	2
Associate members (from external institutions)	1

STATUS: JULY 12, 2026

BYLAWS AND COOPERATION AGREEMENT

**Statut
des Exzellenzclusters
„Color meets Flavor –
Search for new phenomena in strong and weak interactions“
vom 22. Juni 2026**

- At last, the **bylaws** and the **cooperation agreement** have been finalized and officially signed.
Both can be found in the CmF sciebo project box
- **Transfer of funds agreements** were sent to all CmF institutions

Kooperationsvertrag

zwischen

der **Rheinischen Friedrich-Wilhelms-Universität Bonn**
Regina-Pacis-Weg 3, 53113 Bonn
vertreten durch den Rektor, dieser vertreten durch den Kanzler Holger Gottschalk

– nachfolgend „Uni Bonn“ genannt –

und

der **Technischen Universität Dortmund**
August-Schmidt-Str. 4, 44227 Dortmund
vertreten durch den Rektor

– nachfolgend „TU Dortmund“ genannt –

und

der **Universität Siegen**
Adolf-Reichwein-Straße 2a, 57076 Siegen
vertreten durch die Rektorin

– nachfolgend „Uni Siegen“ genannt –

- Uni Bonn, TU Dortmund und Uni Siegen einzeln und gemeinsam nachfolgend
auch „antragstellende Universitäten“ genannt –

und

dem **Forschungszentrum Jülich**
Wilhelm-Johnen-Straße, 52418 Jülich
vertreten durch die Geschäftsführung

– nachfolgend „FZ Jülich“ genannt –

und

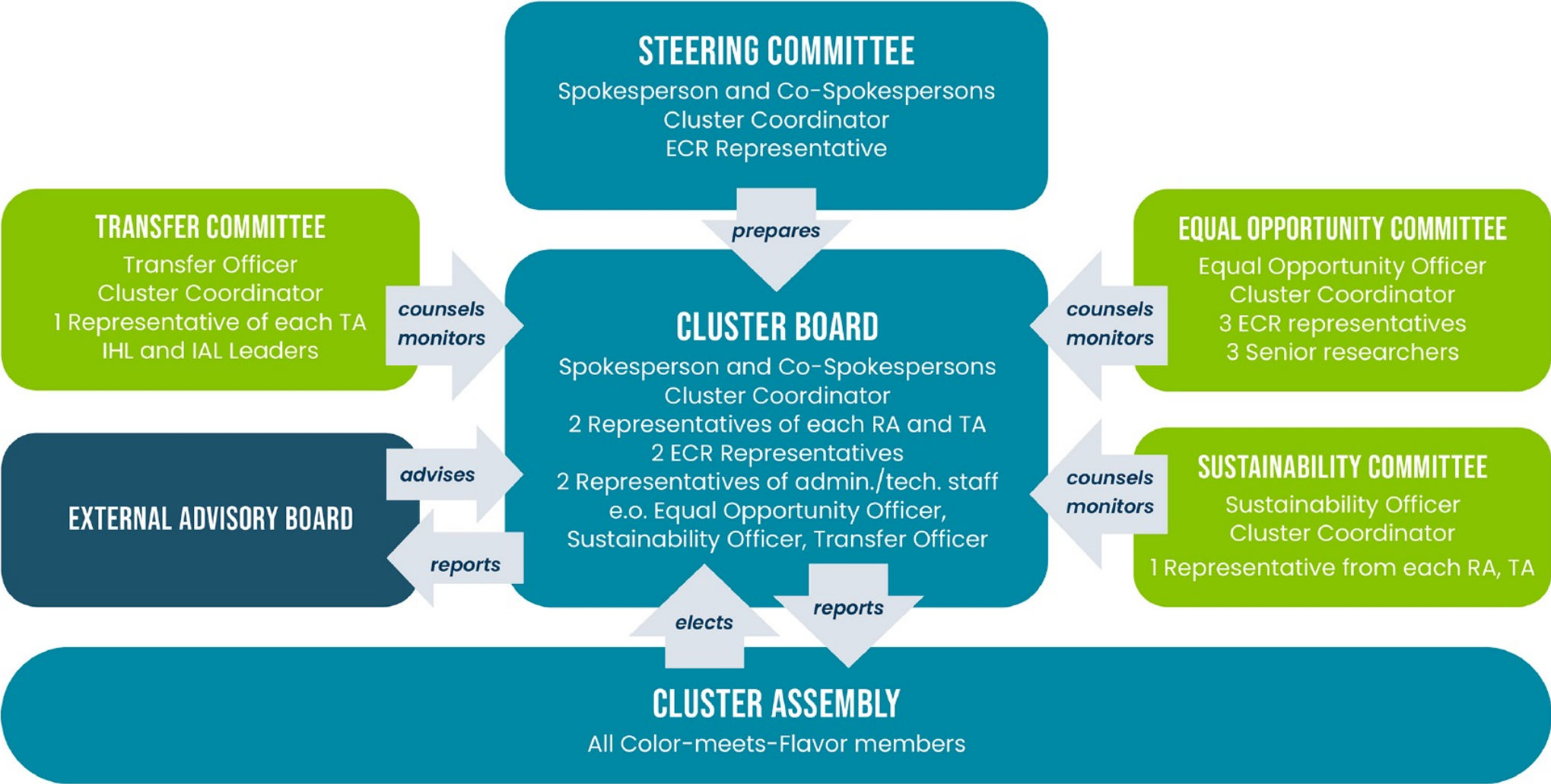
der **Fachhochschule Dortmund**
Sonnenstraße 96-100, 44139 Dortmund
vertreten durch die Rektorin, Prof. Dr. Tamara Appel

– nachfolgend „FH Dortmund“ oder „assoziierter Partner“ genannt –

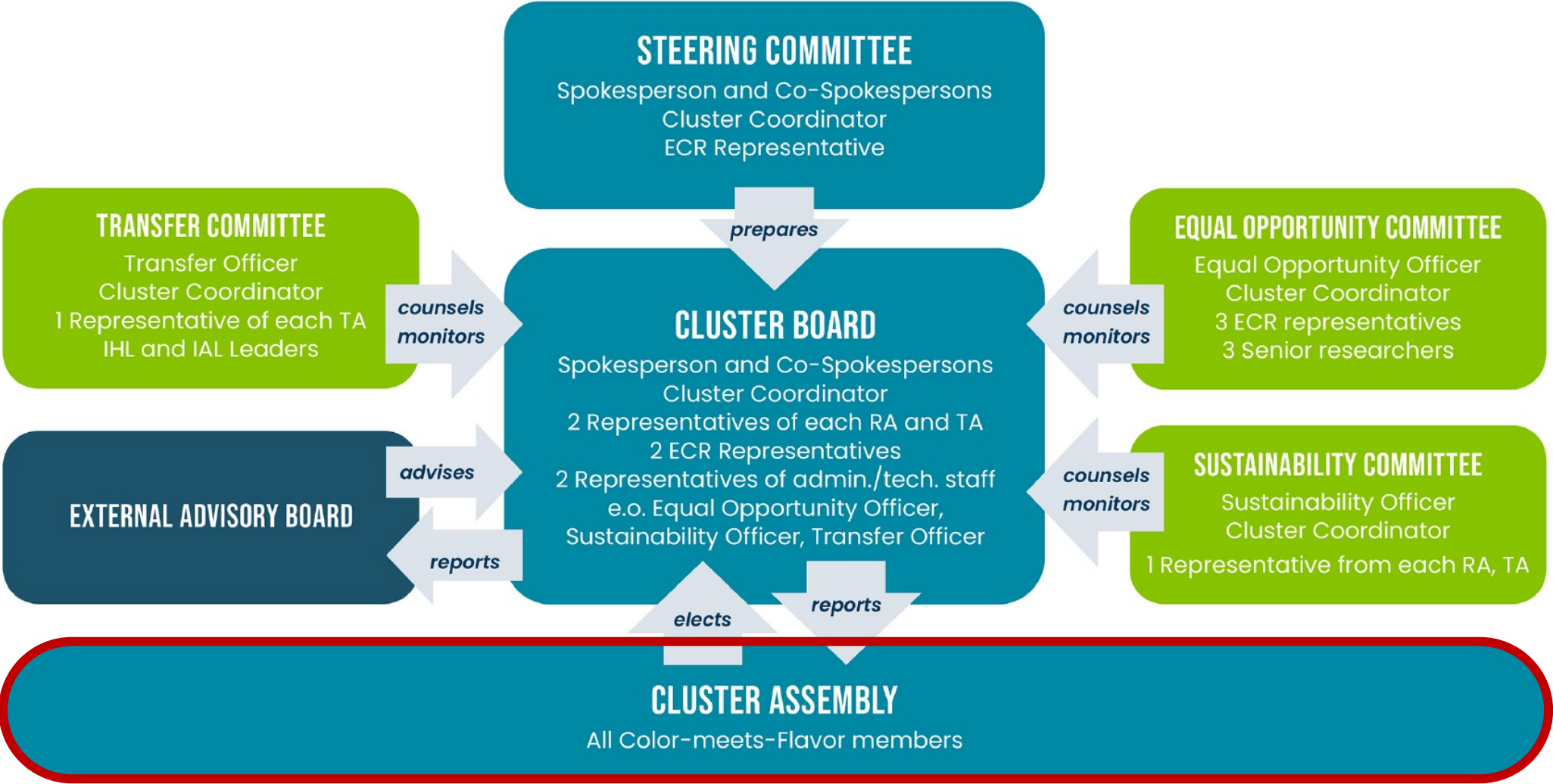
– einzeln und gemeinsam nachfolgend „Partner“ genannt –

über die Errichtung einer gemeinsamen wissenschaftlichen Einrichtung nach §§ 29, 77 des Gesetzes über die Hochschulen des Landes Nordrhein-Westfalen (Hochschulgesetz – HG) vom 16. September 2014 (GV. NRW. S. 547), zuletzt geändert durch Artikel 2 des Gesetzes zur Stärkung des Hochschulstandorts Bochum im Bereich des Gesundheitswesens und zur Änderung weiterer

GOVERNANCE



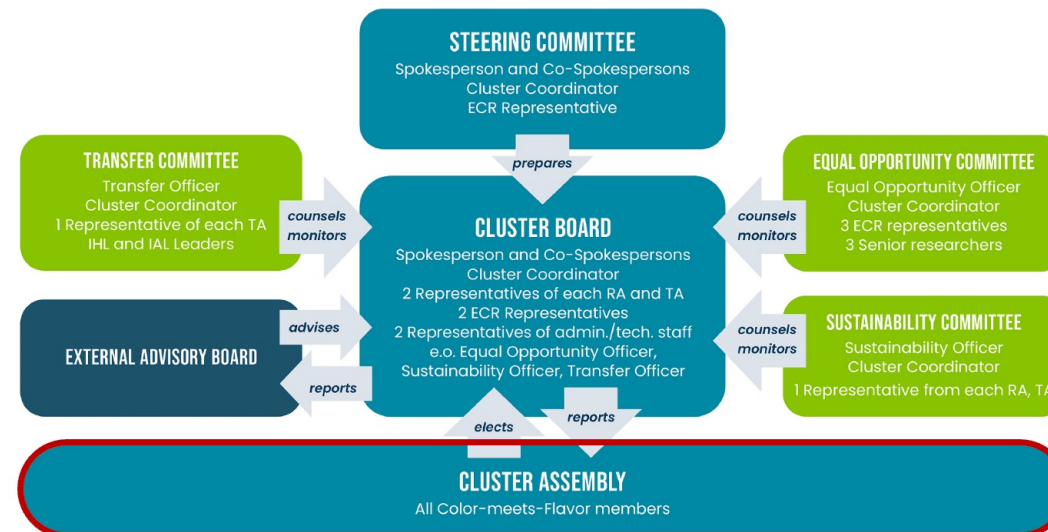
GOVERNANCE



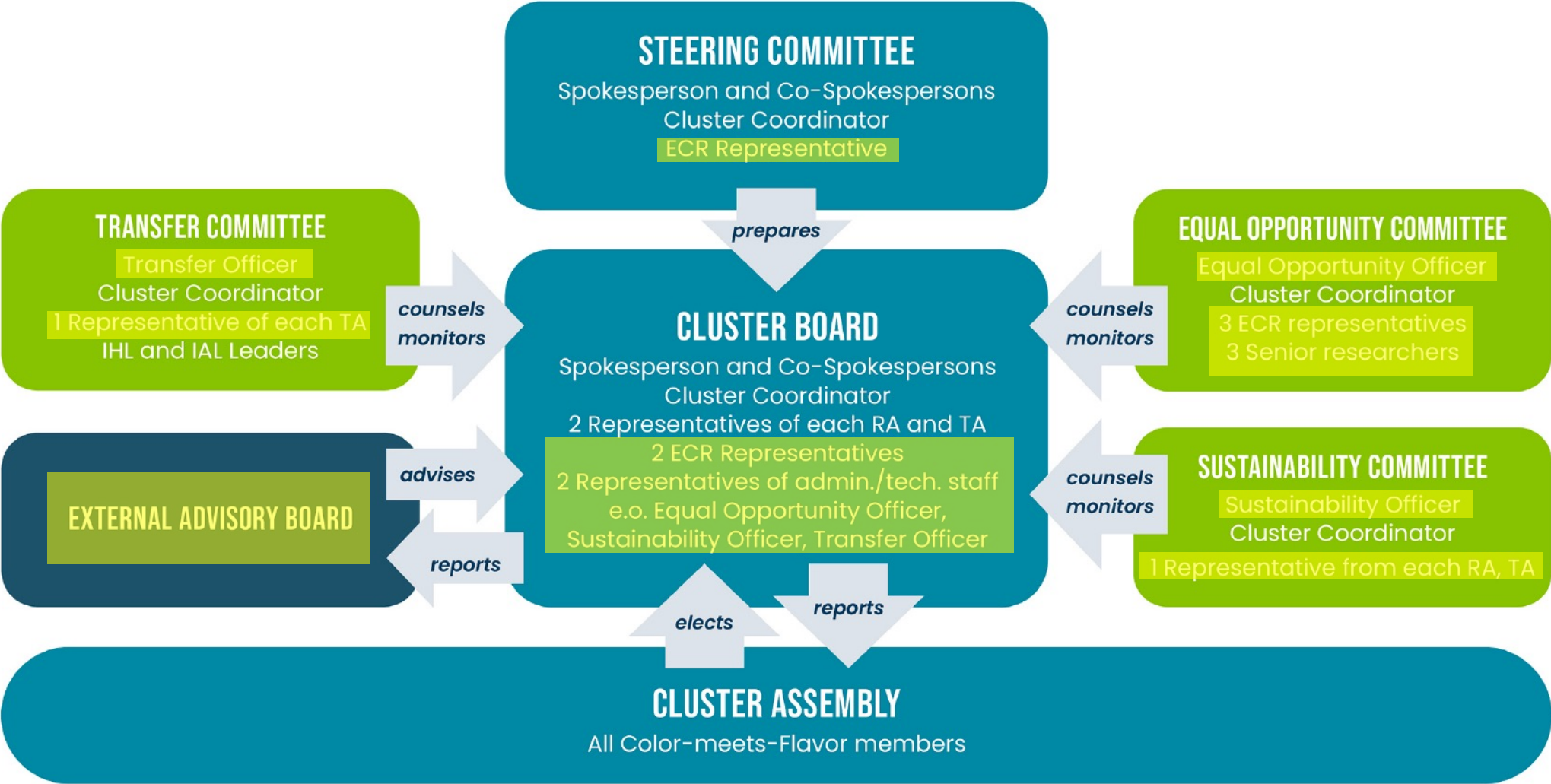
Mitgliederversammlung (Cluster Assembly)

- (1) In jedem Jahr soll mindestens eine Mitgliederversammlung stattfinden. Alle Mitglieder können an der Mitgliederversammlung teilnehmen. Außerordentliche Mitgliederversammlungen sind nach Bedarf oder auf Verlangen von mindestens der Hälfte der stimmberechtigten Mitglieder der Mitgliederversammlung einzuberufen.
- (2) Der Termin für die Mitgliederversammlung ist allen Mitgliedern des Clusters mindestens eine Woche im Voraus schriftlich (E-Mail genügt) durch den*die Sprecher*in unter Beifügung der Tagesordnung mitzuteilen.
- (3) Die*Der Sprecher*in führt den Vorsitz und leitet die Sitzung. Die Ergebnisse der Sitzung werden in einem Ergebnisprotokoll zusammengefasst.
- (4) Die Mitgliederversammlung ist verantwortlich für die:
 1. Vorschläge zur Änderung des Statuts von CmF im Einvernehmen mit den antragstellenden Institutionen sowie mit dem Forschungszentrum Jülich,
 2. Wahl und Abwahl der Mitglieder des Clusterrates, der*des Sprecherin*Sprechers sowie der Co-Sprecher*innen,
 3. Wahl der Beauftragten für Diversität und Nachhaltigkeit und Transfer,
 4. Entgegennahme des Berichts der*des Sprecherin*Sprechers,
 5. Entgegennahme des Berichts des wissenschaftlichen Beirates,
 6. Verabschiedung des Gesamtfinanzierungsantrags von CmF an die DFG.
- (5) Der Mitgliederversammlung gehören alle gemäß § 5 aufgenommenen Mitglieder an. Näheres regelt § 15.

- All CmF members
- At least 1 general assembly per year
- Responsibilities:
 - Proposing amendments to the CmF bylaws in consultation with the applying institutions
 - Electing and removing members of the Cluster Board, the spokesperson, and co-spokespersons
 - Electing representatives for Diversity and Sustainability
 - Receiving the report from the spokesperson
 - Adopting the overall funding proposal of CmF for submission to the DFG

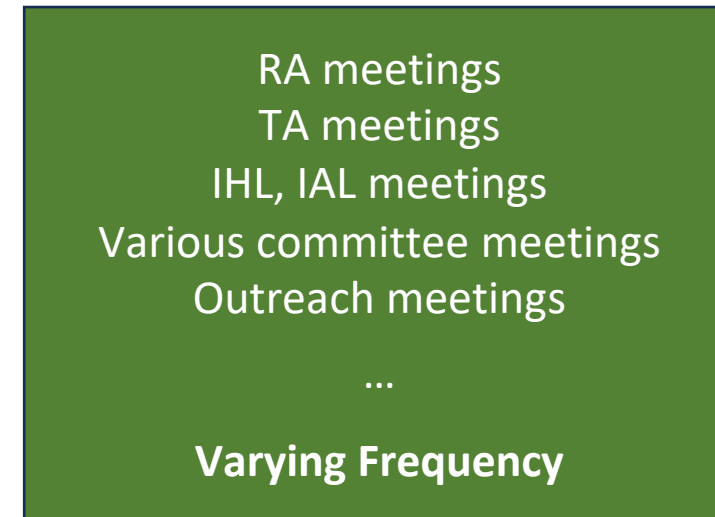


GOVERNANCE – TO DO



ORGANIZATION

REGULAR MEETINGS & INFORMATION FLOW



CLUSTER OFFICE

Cluster Office Members	FTE	Main tasks
Cluster Coordinator	1.0	General coordination of CmF activities and structural measures, financial planning, quality assurance
Research Academy Coordinator	0.5	Coordination of Research Academy
Forum Scientific Secretary	0.5	Coordination of CmF Forum, incl. international visitor program
Science Communicator	0.5	Science communication, outreach
Event Manager	0.5	Planning and support for CmF events
Cluster Team Assistant	1.0	Day-to-day administrative support



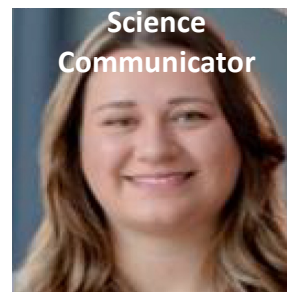
Maik Becker (TU Do)



Matthias Ernst (USi)



Tatjana Lenz (UBo)



Lena Heinrich (USi)



Maike Hansen (UBo)



Stefanie Holmes (TU Do)

CLUSTER OFFICE – PRIORITIES AND NEXT STEPS

Internal Coordination

- Weekly Cluster Office meeting
- Mailing list: cmf-office@listen.uni-bonn.de
- Clear responsibilities and backup arrangements
- Task management platform, e.g. Kanban boards

Short-Term Projects

- Website update, including internal area
- Upgrade of the member database from Excel to a professional database
- Onboarding package for new cluster members

Further Projects to kick off

- Research Academy
- Broad online and social media presence
- Further development of the CmF Forum



CmF Forum Manager: PD Dr. Tatjana Lenz



- **CmF Seminar**

- All upcoming seminars can be found here: <https://color-meets-flavor.de/education/seminars>
- 6 CmF seminars organized in summer term 2026
- Unfortunately, low attendance of non-hosting institutes
- All CmF members are welcome to provide ideas about topics/speakers
 - A good mixture of topics covering all RA/TA areas
 - Idea to pair up experimental and theoretical presentations

- **CmF Colloquium**

- Frequency: 1-2 times per year, to start in winter term 2026/27
- High-level speakers
- Please provide ideas for topics/speakers

- **International workshops**

- CmF supports e.g. the Accelerating the Search for Disappearing Light Dark Matter workshop 30.9-2.10.2026 @ Bonn

- **International visitor program**

Currently supporting 3 visiting scientists

- Prof. Christoph Paus (Jun.-Sep. 2026, with M. Schott)
- Prof. Curtis Meyer (Jun.-Dec. 2026, with U. Thoma)
- Dr. Abhijit Mathat (Jul.-Dec. 2026, with J. Albrecht)

- **Further activities**

- IAL lecture weeks
- Detector R&D forum: exchange of ideas and training
- New CmF conference series: interplay between hadron, flavor, and HE physics

<https://color-meets-flavor.de>

Needs work, in particular on:

- expanding the **RA/TA descriptions**
- adding an **internal** category
- inclusion and regular updates of CmF **publication list**



Acknowledgement:

"Funded by the Deutsche Forschungsgemeinschaft (DFG, German Research Foundation) under Germany's Excellence Strategy – **Cluster of Excellence "Color meets Flavor"**, EXC 3107 – Project-ID 533766364"

"Partially funded by ..."

"Supported by ..."

All three versions are okay. Use the one that best describes the individual situation.

Affiliation (Example):

Ulf-G. Meißner, Helmholtz-Institut für Strahlen- und Kernphysik, Bethe Center for Theoretical Physics and **Cluster of Excellence "Color meets Flavor"**, University of Bonn, address.

INDICO, SCIEBO, EMAIL & CO

- **Online registration form for CmF membership:**

<https://indico.hiskp.uni-bonn.de/category/117/> (→ “Materials”)

- **Sciebo project box** for CmF documents:

color-meets-flavor.pbox@uni-bonn.de

- **Indico** for all CmF meetings:

<https://indico.hiskp.uni-bonn.de>

- soon no longer public, please create Bonn Indico account!
- used to create CmF calendar

- **Email lists:**

cmf-xxx@listen.uni-bonn.de

- Please subscribe to the lists you’re interested in



Cluster Assembly	6 events	➡
Cluster Board	9 events	🛡️ ➡
Steering Committee	22 events	🛡️ ➡
Cluster Office	1 event	➡
Research Area 1	1 event	➡
Research Area 2	2 events	➡
Research Area 3	5 events	➡
Research Area 4	empty	➡
Technology Area 1 / IHL	10 events	➡
Technology Area 2 / IAL	empty	➡
INSIGHT Experiment	empty	➡
Knowledge Transfer Activities	6 events	➡
Equal Opportunity Committee	empty	➡
Sustainability Committee	empty	➡
Outreach	1 event	➡

EMAIL LISTS

Format: cmf-xxx@listen.uni-bonn.de
insight-xxx@listen.uni-bonn.de

- cmf-all All users
- cmf-cb Cluster Board
- cmf-sc Steering Committee
- cmf-conveners RA/TA Conveners
- cmf-ra1 RA1
- cmf-ra2 RA2
- cmf-ra3 RA3
- cmf-ra4 RA4
- cmf-ta1 TA1
- cmf-ta2 TA2
- cmf-ihl IHL
- cmf-ial IAL
- cmf-transfer Transfer Committee
- cmf-edl Equal Opportunity Committee
- cmf-sustainability Sustainability Committee
- cmf-eab External Advisory Board
- cmf-ecr Earl Career Researchers
- cmf-pi Group leaders
- cmf-pi-bonn Group leaders Bonn

Subscribe at: <https://listen.uni-bonn.de>

- cmf-pi-dortmund Group leaders Dortmund
- cmf-pi-siegen Group leaders Siegen
- cmf-pi-jülich Group leaders Jülich

INSIGHT

- insight-all
- insight-cb
- Insight-groupleaders
- insight-experiment-area
- insight-tagger
- insight-target
- insight-pixel
- insight-barrel
- insight-gem
- insight-magnet
- insight-straws
- insight-tof
- insight-fwec
- insight-daq
- insight-slowcontrol

RESEARCH AND EDUCATION

CLUSTER PROFESSORSHIPS

Professorship	Univ.	Opening date	W2/W3 salary	Postdoc salaries	Running budget	Perpetutation beyond CmF
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Cluster Professorships

W3 BSM Phenomenology (TH)	UBo	Q3/2024	UBo	CmF	CmF	UBo
W3 Computational Physics (TH)	USi	Q4/2024	NRW	CmF	NRW	NRW, USi
W2 Heavy Particles at ATLAS (EXP)	TUDo	Q3/2024	TUDo	CmF	CmF	TUDo
W2 Flavor Physics at LHCb (EXP)	TUDo	Q3/2025	TUDo	CmF	CmF	TUDo
W2 Detector Physics (EXP)	USi	Q3/2025	NRW	CmF	NRW	NRW, USi
W2 Hadron Spectroscopy at Belle II (EXP)	UBo	Q3/2025	UBo	CmF	CmF	UBo

→ offer to Julia Harz

→ Simon Plätzer

→ offer

→ in progress

→ Matthias Hamer

Additional new professorships to be installed in the context of CmF

W3 Accelerator Physics (EXP)	UBo	Q3/2025	NRW	NRW	NRW	NRW
W3 Light New Physics & Dark Sectors (EXP)	TUDo	Q1/2026	NRW	NRW	NRW	NRW

→ advertised, until: 30.9.26



Simon
Plätzer

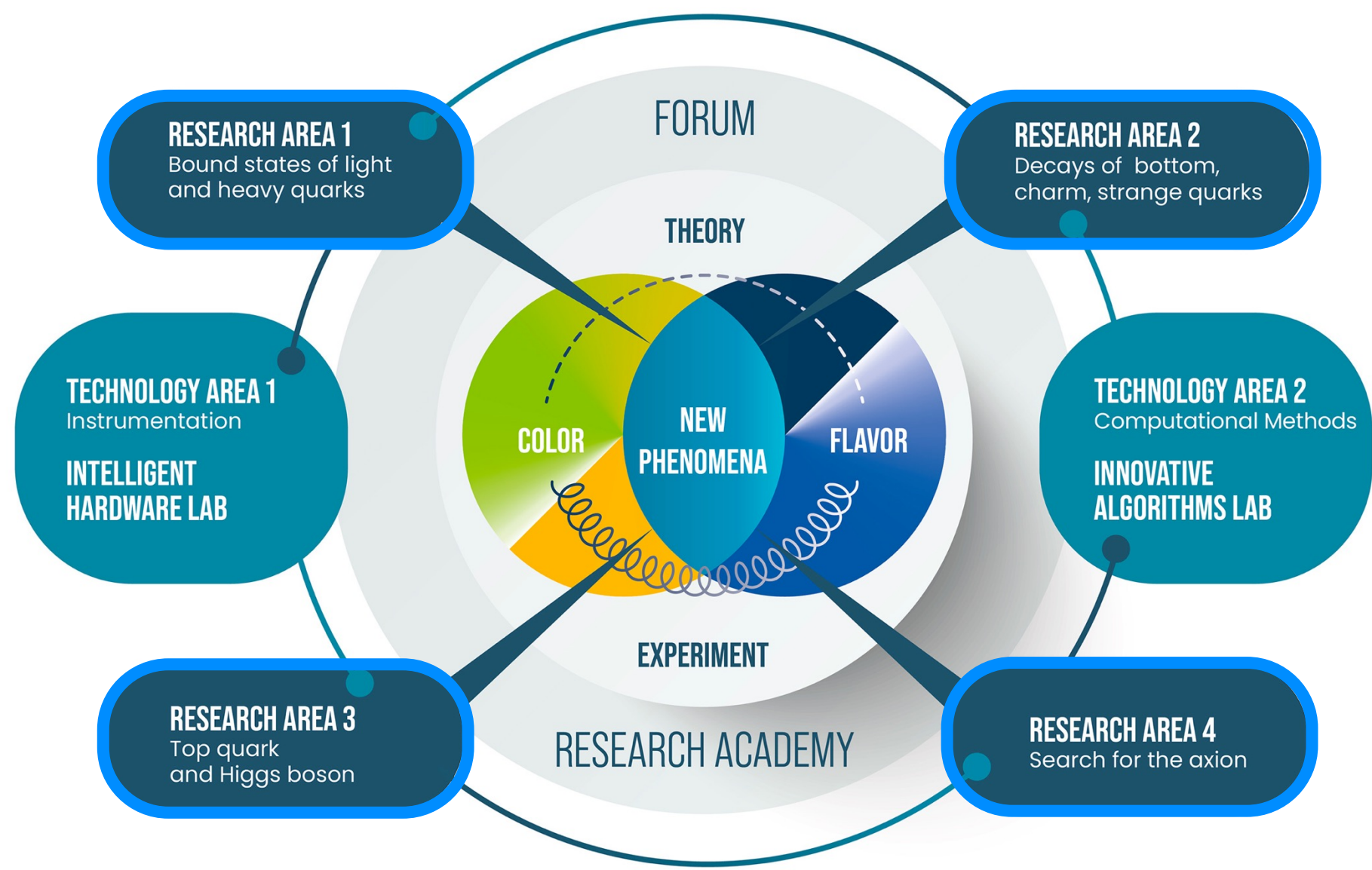


Matthias
Hamer

In addition:

3 Investigator Groups (temporary W2)

RESEARCH AREAS



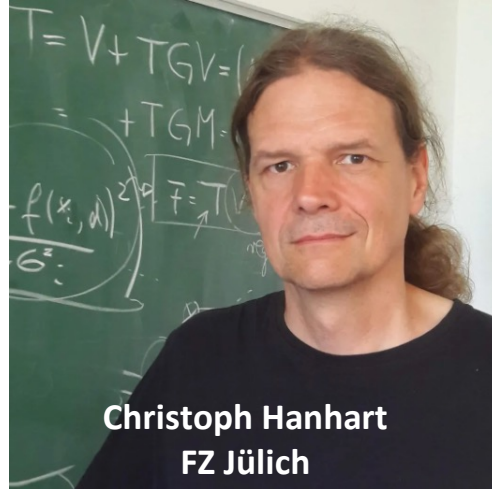
RESEARCH AREAS – CONVENERS

Research Area 1

Bound states of light and heavy quarks



Ulrike Thoma
Bonn



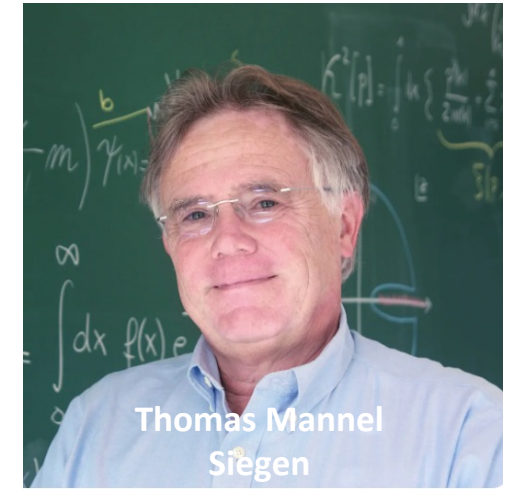
Christoph Hanhart
FZ Jülich

Research Area 2

Decays of bottom, charm, strange quarks



Slavomira Stefkova
Bonn



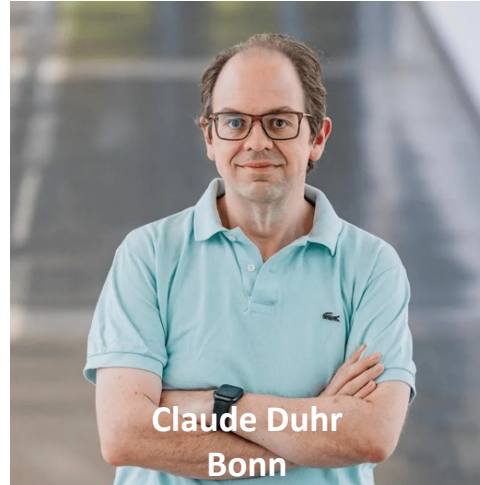
Thomas Mannel
Siegen

Research Area 3

Top quark and Higgs boson



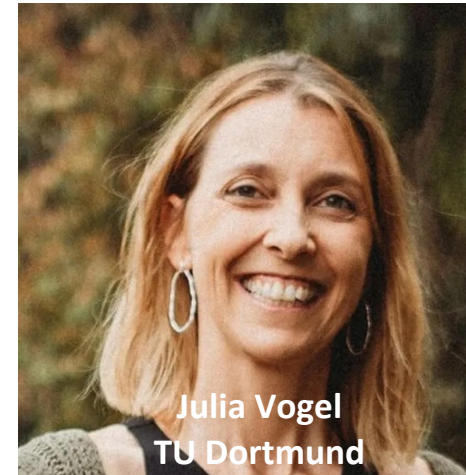
Markus Cristinziani
Siegen



Claude Duhr
Bonn

Research Area 4

Search for the Axion

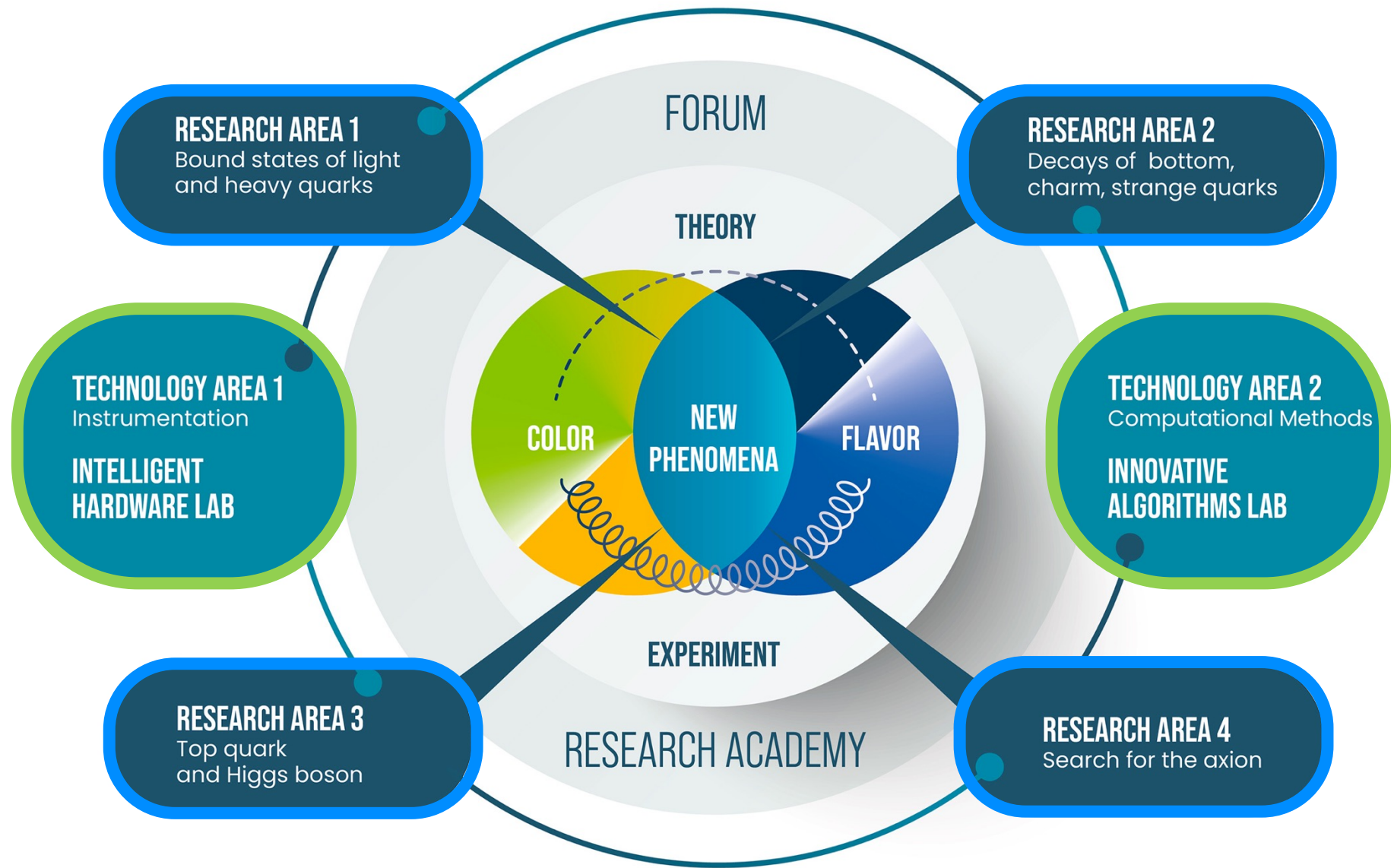


Julia Vogel
TU Dortmund



Emmanuel Stamou
TU Dortmund

TECHNOLOGY AREAS



TECHNOLOGY AREAS – LABS

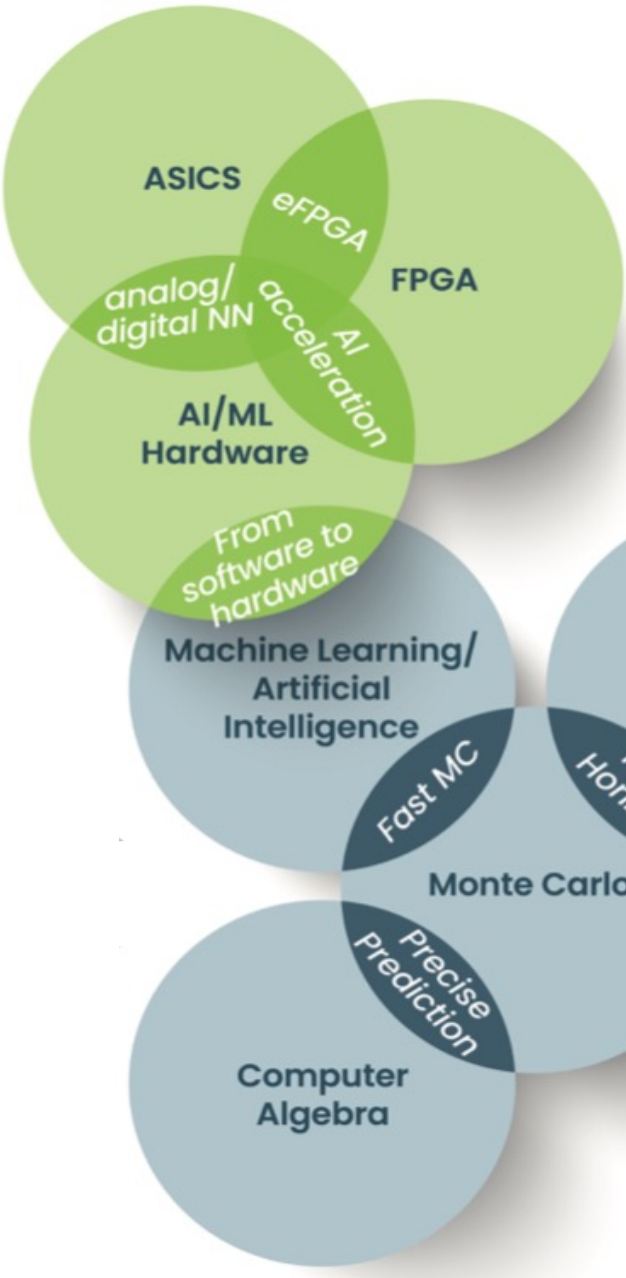
Intelligent Hardware Lab

ELECTRICAL ENGINEERING
COLOGNE CHIP

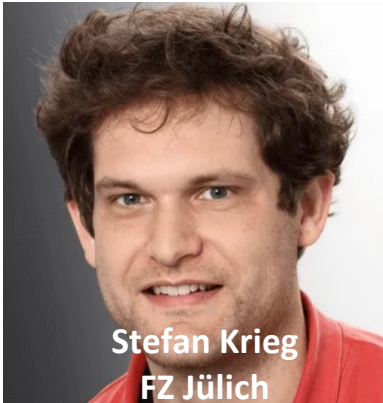
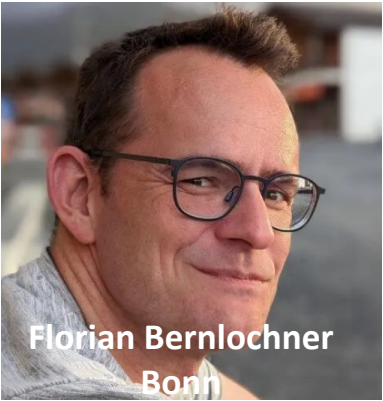
IHL leaders



Technology Area 1 Conveners



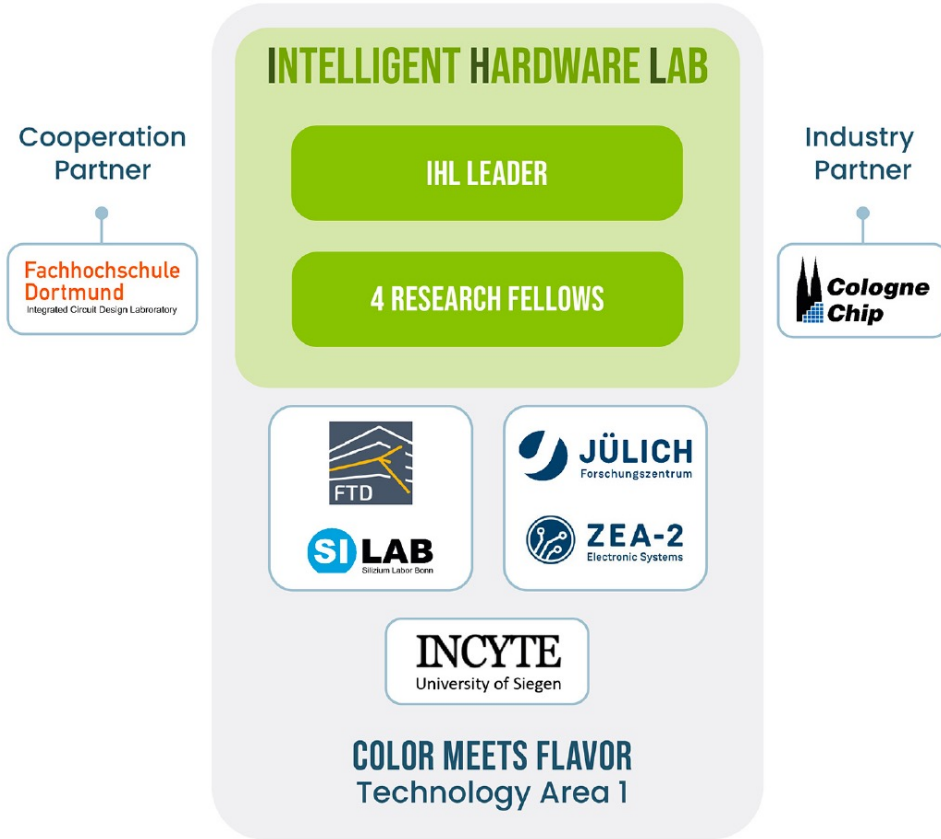
Technology Area 2 Conveners = IAL leaders



Innovative Algorithms Lab

MATHEMATICS
COMPUTER SCIENCE
LAMARR INSTITUTE FOR MACHINE LEARNING & AI

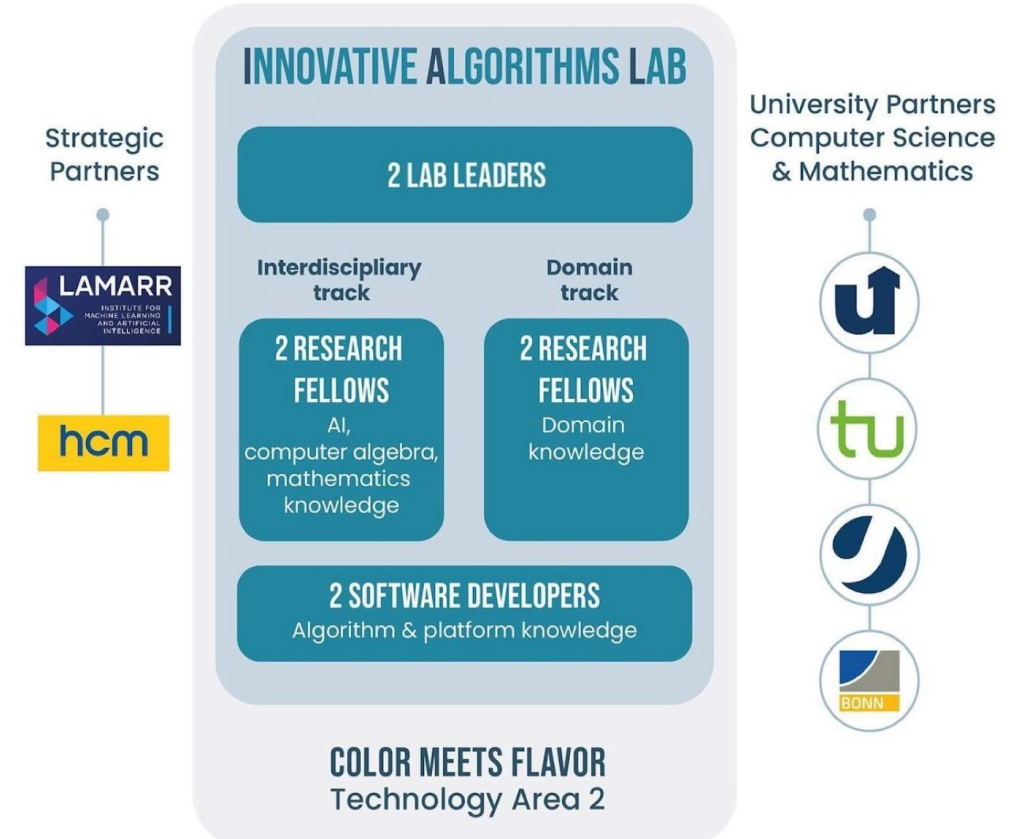
Intelligent Hardware Lab



IHL Fellows

1. Mixed-signal chip designer → Tetsuichi Kishishita
2. FPGA expert → position to be re-advertised
3. Digital chip designer (verification) → job ad in preparation
4. Analog chip designer

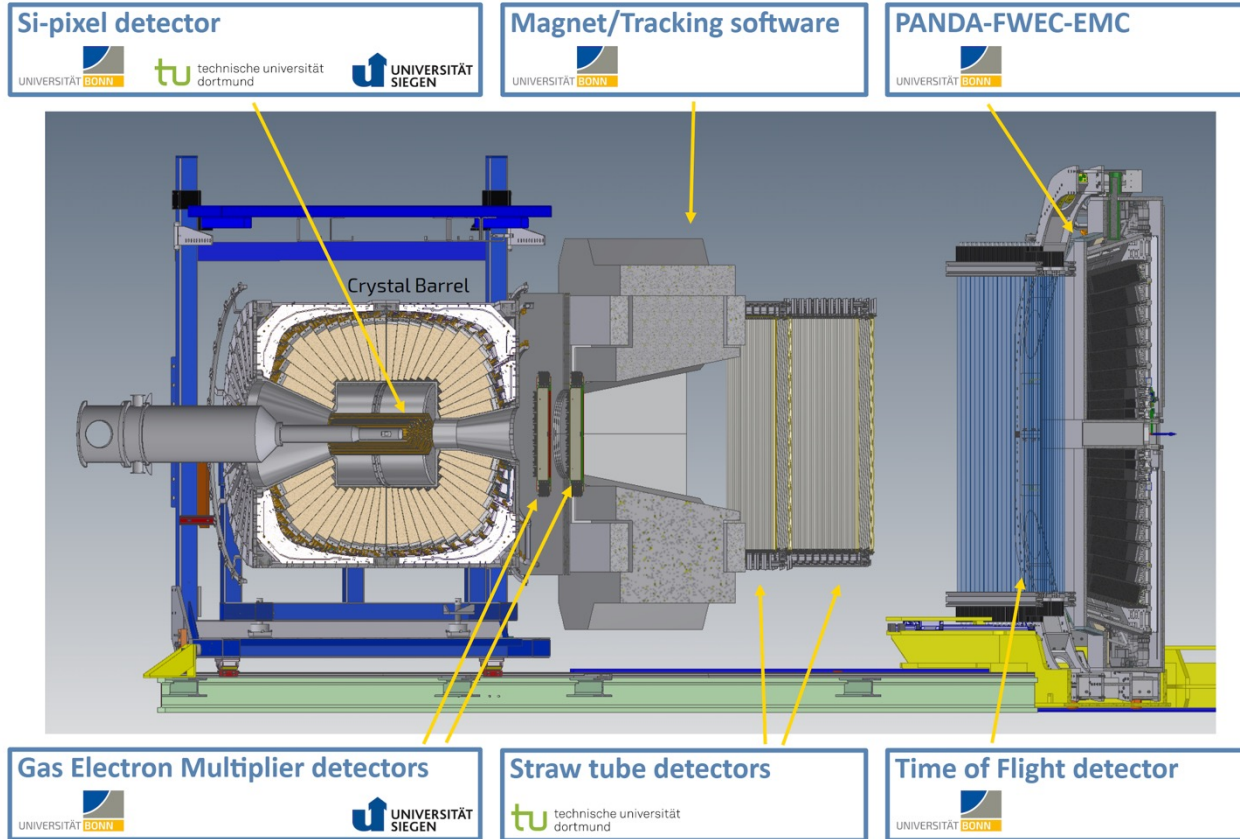
Innovative Algorithms Lab



IAL Fellows

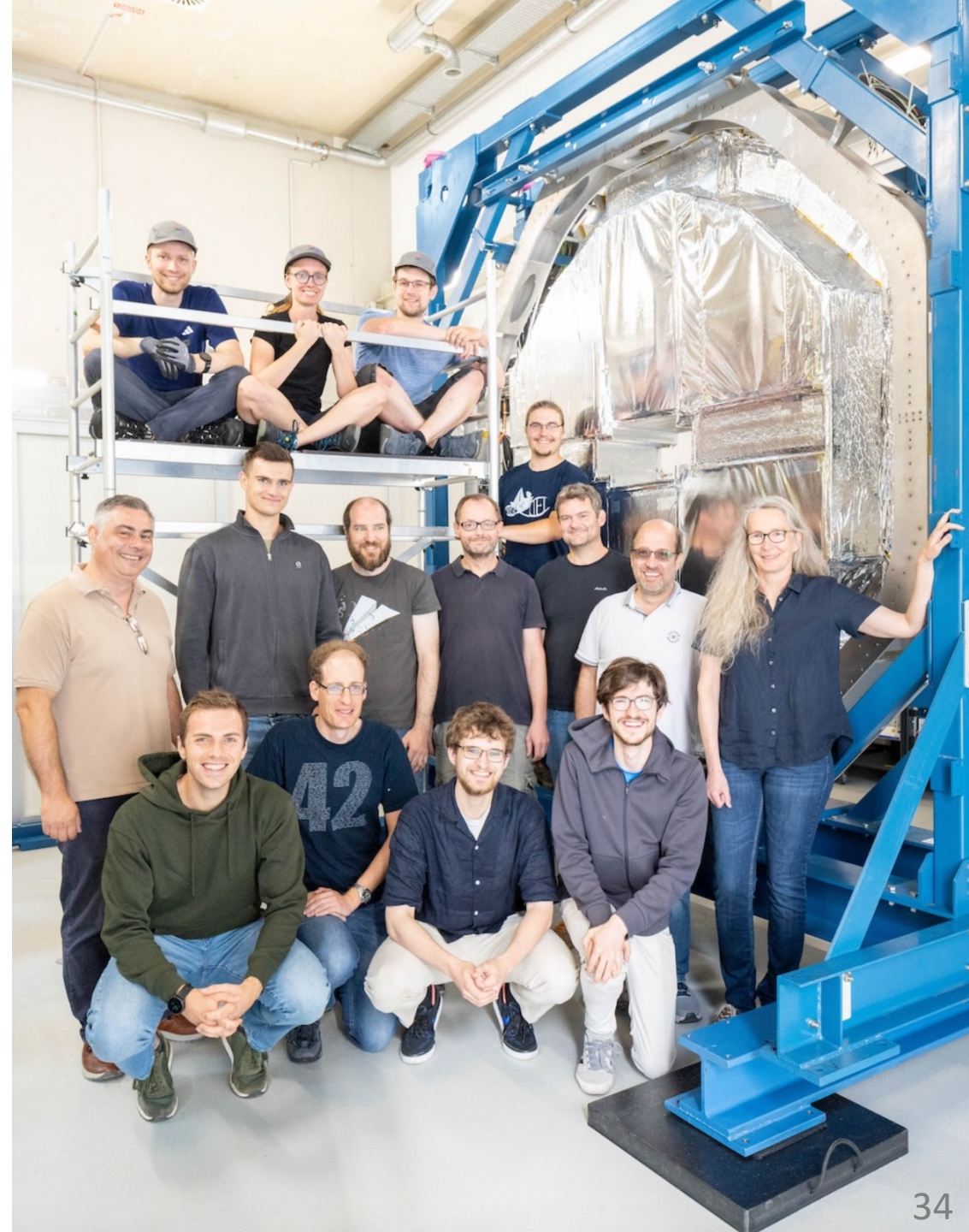
- Applications of 25 candidates received for the first 3 fellow positions
- Selection process about to start

TECHNOLOGY AREA 1 „INSTRUMENTATION“: INSIGHT @ ELSA



INSIGHT Collaboration was officially founded on May 28, 2026

Spokesperson: Ulrike Thoma (Bonn)
Deputy Spokesperson: Jens Weingarten (TU Dortmund)



Research Academy Coordinator: Matthias Ernst



BSc students:

- Customized **summer projects** within CmF groups
- Three selected BSc students per year will be offered funding to write **BSc thesis at CERN/KEK**

MSc students:

- Joint MSc program → offering joint lecture program (still room for improvement)
- MSc scholarships

Doctoral researchers:

- CmF lecture program → offering joint lecture program
- Cross-disciplinary secondments (between groups or in industry)
- Joint doctoral supervision → first common projects between experiments started
- Internationalization (sponsoring for extended research stays abroad)

Postdocs:

- Career Development Fund
- Project Seed Fund → First application received

PLETHORA OF EXISTING AND NEW OUTREACH ACTIVITIES

News on our webpage



Chinese Academy of Sciences honors Prof. Ulf-G. Meißner

February 5, 2026



Prof. Alexander Lenz introduces Color meets Flavor at 'Zwischen Brötchen und Borussia'

January 26, 2025



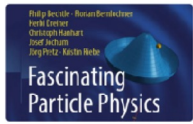
Third edition of 'Physics at the Apollo' thrilled the audience

January 12, 2025



Prof. Herbert Dreiner receives Georg-Kerschensteiner-Prize

January 5, 2026



English Edition of 'Fascinating Particle Physics' published

December 2, 2025



Prof. Thomas Mannel receives the Daidalos Coin

November 21, 2025



Helmholtz 'Color meets Flavor' Excellence Network Approved

November 19, 2025



Podcast on elementary particle physics

December 23, 2024



Color meets Flavor at first Dortmund Science Night

September 23, 2024



www.bcp26.de



September 22, 2025



Color meets Flavor Constituent Meeting

July 15, 2025



55th Autumn School on High-Energy Physics

Projects



Outreach group: Subatomic Heroes. Siegen

September 24, 2025



© Jürgen Huhn/TU Dortmund

Zwischen Brötchen und Borussia. Dortmund

September 24, 2025



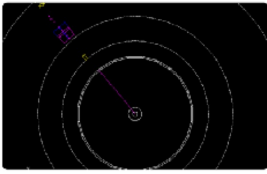
Netzwerk Teilchenwelt Masterclasses. Bonn, Dortmund, Siegen

September 24, 2025



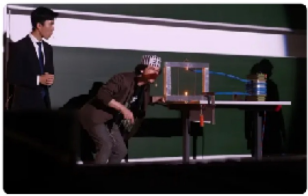
Explaining physics with acrobatics. Siegen

September 24, 2025



© CERN OPAL Masterclass

Machine Learning Masterclass. Bonn



© Barbara Frommann / Uni Bonn

Physics Show. Bonn



Rent A Prof. Siegen



Excursion to Forschungszentrum Jülich

Also on 9th February 2026

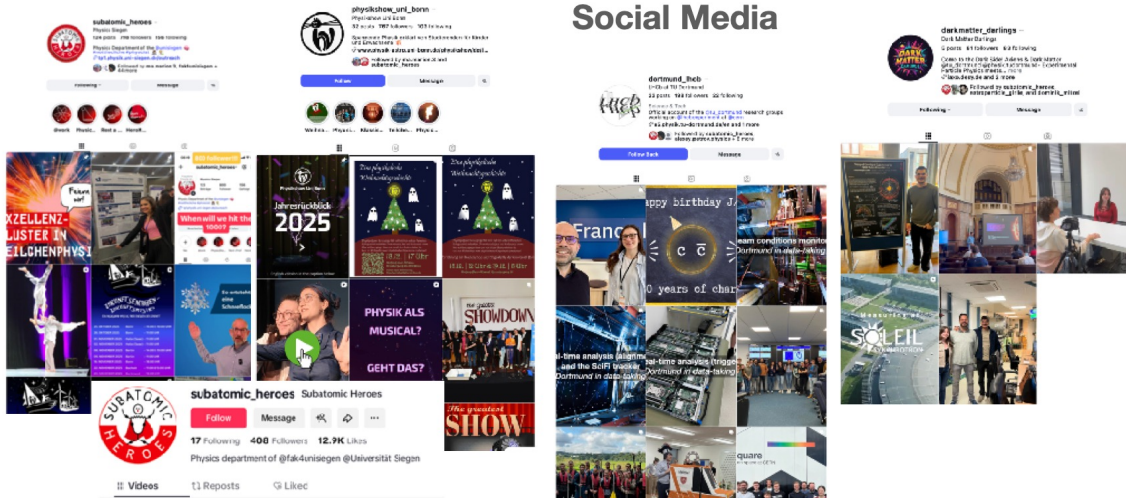
June 27, 2023



First Color Meets Flavor PhD School

A Color edition is planned for 2028

March 18, 2024



FINANCES

FINANCES – APPROVED FUNDING

	2026	2027	2028	2029	2030	2031	2032	SUM
Granted (k€)	4072	5916	5972	5297	5357	5233	5234	37018
Blocked (k€)	0	144	143	126	127	126	127	667
PA 22% (k€)	896	1301	1313	1165	1179	1151	1152	8158
TOTAL (k€)	4968	7217	7286	6463	6536	6384	6386	45239

Blocked funds have been officially released by now!

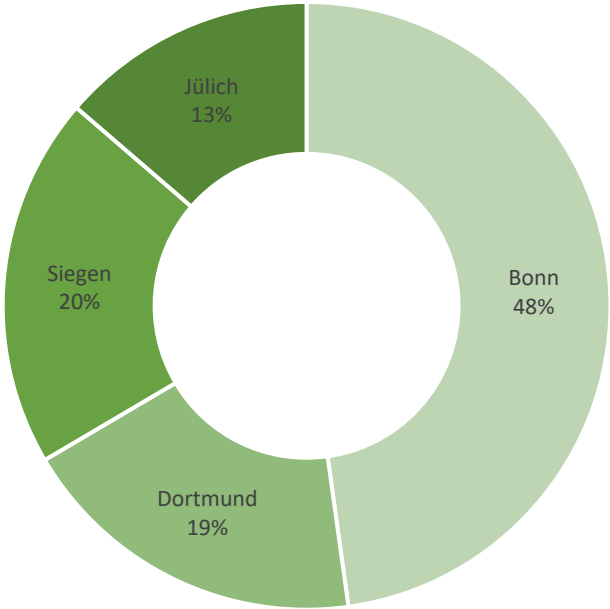
PROJECT PERSONNEL FUNDING – RESULTS OF FIRST ROUND OF PROPOSALS

	RA1	RA2	RA3	RA4	TOTAL
Proposals	11	14	18	8	51
Funded (partially)	9	8	10	5	32

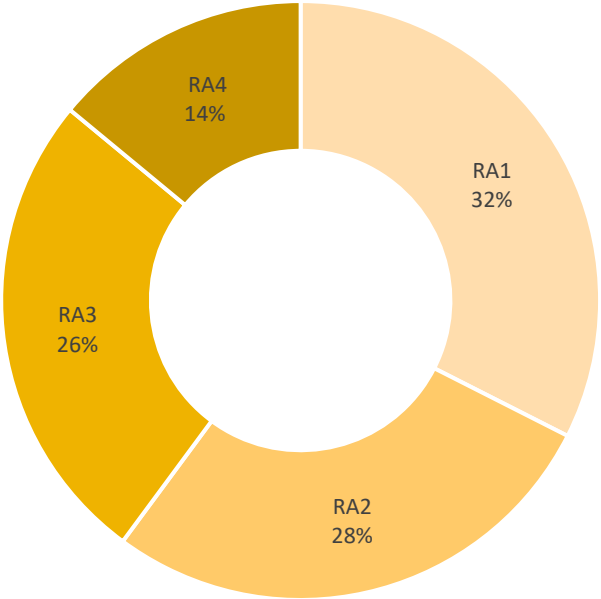
	Distribution	
	FTE	Fraction
Bonn	26,79	47,80%
Dortmund	10,50	18,73%
Siegen	11,09	19,79%
Jülich	7,67	13,68%
Total	56,05	100,00%

	Distribution	
	FTE	Fraction
RA1	18,20	32,47%
RA2	15,50	27,65%
RA3	14,50	25,87%
RA4	7,85	14,01%
Total	56,05	100,00%

Distribution across institutions



Distribution across Research Areas



Additionally, **5.7 FTE for 3 years** are funded for **INSIGHT construction** (incl. 2 FTE paid from MKW funds)

FINANCES – 2026 SPENDING (IN A NUTSHELL)

DISCLAIMER: Preliminary numbers, SAP access to Bonn and Siegen accounts still pending

Site	Personnel Costs	Non-Personnel Costs	SUM	SUM (incl. funding commitments)
University of Bonn	405.740,62 €	13.901,41 €	419.642,03 €	858.120,26 €
TU Dortmund	341.051,33 €	142.312,49 €	483.363,82 €	652.721,01 €
University of Siegen	74.993,07 €	8.648,48 €	83.641,55 €	278.375,50 €
FZ Jülich	- €	- €	- €	145.556,00 €
SUM	821.785,02 €	164.862,38 €	986.647,40 €	1.934.772,75 €
		Remaining Instrum. Costs acc. to Budget Plan	1.611.727,67 €	
		Remaining Other Costs acc. to Budget Plan	622.409,95 €	
		TOTAL	4.168.910,37 €	
		Project Funding Approved for 2026	4.072.100,00 €	

Upcoming events

- July 17, 2026 IHL Kick-off Meeting
<https://indico.hiskp.uni-bonn.de/event/1681/>
- February 11, 2027 CmF General Assembly (Physikzentrum Bad Honnef)
- June 21-25, 2027 “Back to the Roots” Workshop, Waldkirchen
- Sep./Oct. 2027 Cluster Retreat (Schwelm)
- May 8-12, 2028 CmF Spring School
- June 18-22, 2028 BEACH conference (Siegen)

