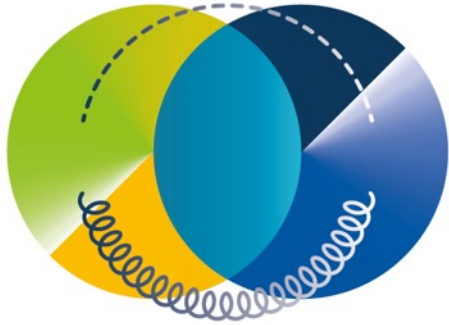




color meets flavor

CmF meeting

December 1, 2025

FTD, University of Bonn



AGENDA

1. Welcome & introduction
2. Short reports from the CmF sites
3. Organizational matters
 - web page, email lists, project box, etc.
 - status of bylaws and cooperation agreement
 - cluster professorships
 - cluster office positions
 - admission of CmF members
 - governance – next steps
 - regular CmF events
4. Finances
5. Reports from the RAs
6. Forming cross-functional research teams
7. Reports from the TAs (incl. ELSA & INSIGHT)
8. Planning CmF funding proposals
9. AOB

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1. NEWS



**Prof. Thomas Mannel
receives the Daidalos Coin**



Ehrung für den Vater der Bonner „Physikshow“

Herbert Dreiner erhält den Georg-Kerschensteiner-Preis 2026 der Deutschen Physikalischen Gesellschaft

Helmholtz “Color meets Flavor” Excellence Network Approved

November 19, 2025



**More than 480,000 EUR for CmFEN proposal
led by Ulf-G. Meißner**



**Forschungs- und
Technologiezentrum
Detektorphysik der Uni
unterstützt neues Schulfach**

1. NEWS – PHYSIK IM APOLLO 2025



1. NEWS – PHYSIKSHOW

Bonn physics show visiting the Cluster of Excellence, Bonn, Dortmund and Siegen

DORTMUND – Sa, 29.11.25, 10:30 Uhr

SIEGEN – Sa, 13.12.25, 11:00 Uhr

SIEGEN – Sa, 13.12.25, 15:00 Uhr



Zukunftsenergien – Zukunftsmusik? 2025

On October 25 and 26, the new physics show musical “Zukunftsenergien – Zukunftsmusik?”, or physical for short, will premiere in the Wolfgang Paul Lecture Hall at the University of Bonn. The 75-minute show

1. UPCOMING EVENTS

24th Conference on Flavor Physics & CP Violation

18th to 22nd May 2026
PHYSIKZENTRUM BAD HONNEF, GERMANY
(NEXT TO "DRAGON'S ROCK")



LOCAL ORGANIZING COMMITTEE:
Johannes Albrecht (Dortmund, LHCb)
Florian Bernlochner (Bonn, Belle II)
Alexander Lenz (Siegen, Theory)
Markus Cristinziani (Siegen, ATLAS)
Jochen Dingfelder (Bonn, ATLAS, Belle II)
Evelina Gersabeck (Freiburg, LHCb, BES III)
Stephanie Hansmann-Menzemer (Heidelberg, LHCb)
Andreas Knue (Dortmund, ATLAS)
Rusa Mandal (Gandhinagar/Siegen, Theory)
Thomas Mannel (Siegen, Theory)
Sebastian Neubert (Bonn, LHCb)
Markus Prim (Bonn, Belle II)
Emmanuel Stamou (Dortmund, Theory)
Slavomira Stevkova (Bonn, Belle II)
Oliver Witzel (Siegen, Theory)

INTERNATIONAL ADVISORY COMMITTEE:
J. Bennett (Mississippi)
F. Bernlochner (Bonn)
F. Bianchi (Torino)
R. Briere (Carnegie Mellon)
J. Brod (Cincinnati)
T. Browder (Hawaii)
A. El-Khadra (UIUC)
M. Giorgi (Pisa)
A. Giri (Hyderabad)
B. Grinstein (San Diego)
X.-G. He (NTU & SJTU)
G. Hiller (Dortmund)
D. Hillin (Caltech)
T. Iijima (Nagoya)
C. S. Kim (Yonsei/Dongshin)
Z. Ligeti (LBNL)
F. Di Lodovico (King's College London)
N. Mahmoudi (Lyon)
D. Martinez Santos (USC, Spain)
S. Pascoli (Bologna)
C. Shen (Fudan University)
N. Srimanobhas (Chulalongkorn University)
A. Soffer (Tel Aviv)

www.fpcp26.de

1. UPCOMING EVENTS – SAVE THE DATES

Extended PI meeting
March 9-11, 2026
Schulhaushotel, Schwelm



General CmF assembly
July 13-15, 2026
Kulturhaus Lyz, Siegen



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2. SHORT REPORTS FROM THE CmF SITES



→ J. Dingfelder



→ J. Albrecht



→ A. Lenz



→ U.-G. Meißner

2. SHORT REPORTS FROM THE CmF SITES – U. BONN

- **Cluster professorship “W3 Theoretical Particle Physics”** → offer to Prof. Lorenzo Tancredi (TUM)
- **Peter Hurck** started his **W2 professorship “Hadron Physics at ELSA”** on Oct. 1, 2025
- **Nico Gubernari** started an **Emmy Noether group** at HISKP in Bonn: „Precise predictions for beautiful observables in B-hadron decays for studying the Standard Model and searching for new physics”
- **Georg-Kerschensteiner-Preis 2026** awarded to **Herbi Dreiner** for his extraordinary commitment to making science accessible to a broad audience (Physikshow)
- Possible **synergies** with **other clusters of excellence in physics** at Bonn have been discussed
 - Suggestion to share a position on EDI between 3 clusters
 - Since we do not have such a position (we have an Equal Opportunity Committee), we have not pledged any funds for a shared position so far
- Follow-up to **“Leveraging three clusters in physics in NRW”**
 - Idea of founding a Helmholtz Institute (or similar) has been discussed with the rectorate in Bonn. The idea is not being pursued further from U. Bonn side.
 - A “consortium of clusters”, focusing e.g. on joint science education, was suggested as an option to consider.
- **Presentation rooms:** Discussion of equipment for presentation rooms for CmF have started. Should we coordinate between the sites?

AGENDA

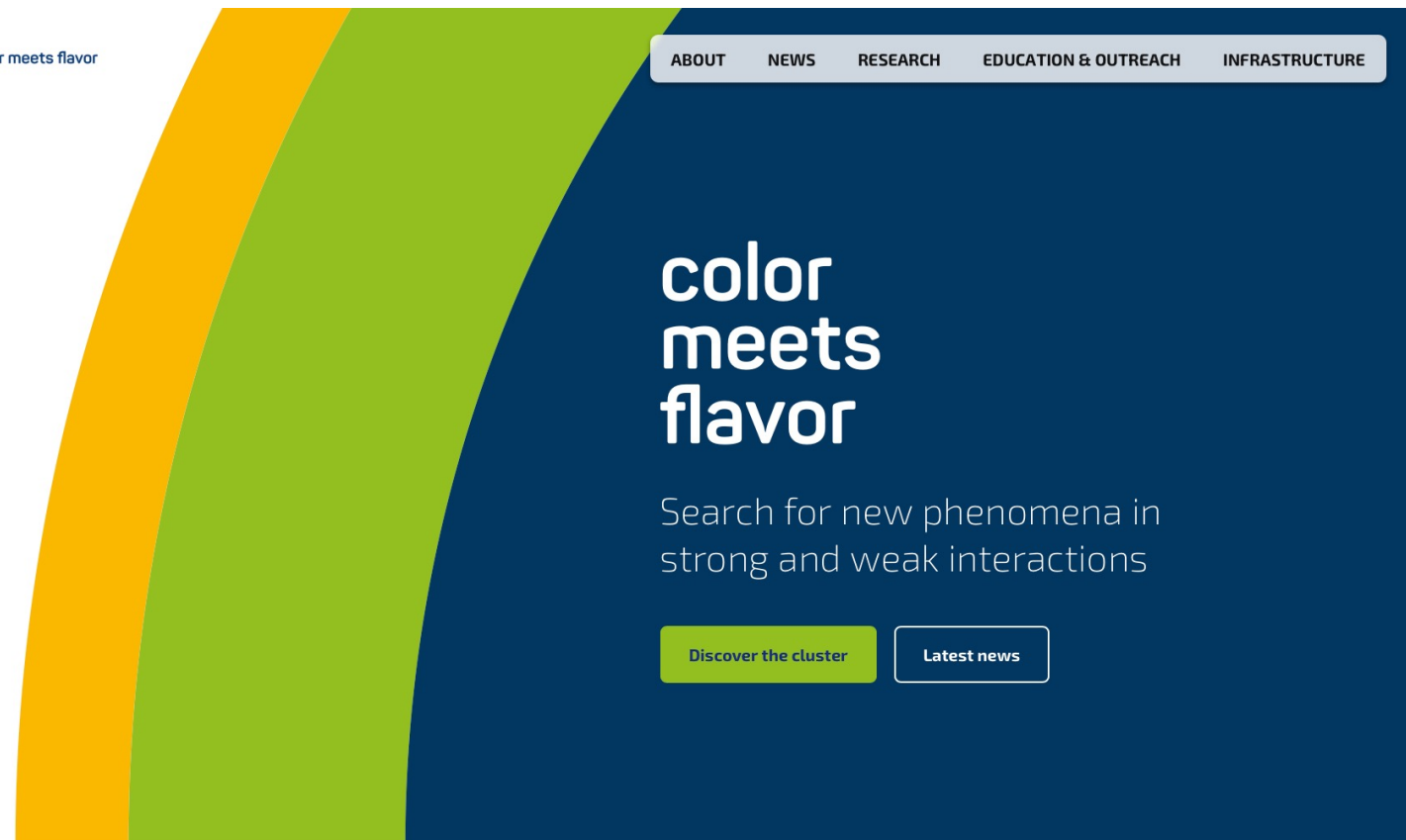
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3. CmF WEB PAGE



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

- New web page design by professional web designer (Stefan Schulz-Lauterbach)
 - Thanks to Maik Becker, Katharina Popp, Noah Behling for your great efforts in filling everything with content!
 - Secured also the following domains:
 - colour-meets-flavour.de
 - colormeetsflavor.de
 - colourmeetsflavour.de
 - Need to expand the content
 - esp. Research & Technology Areas
 - Suggestions/help very welcome!
 - Need to add an **internal** category
- In addition, a common **Sciebo project box** for CmF documents is being set up



3. EMAIL LISTS FOR CmF

The following **emails lists** for CmF have been created in the format cmf-xxx@listen.uni-bonn.de

- cmf-all All users
- cmf-cb Cluster Board
- cmf-sc Steering Committee
- 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 Early Career Researchers

The lists should be restricted to official **CmF members**.

If you are a member, you can subscribe at <https://listen.uni-bonn.de>

3. EMAIL LISTS FOR CmF – HOW TO SUBSCRIBE

STEP 1 <https://listen.uni-bonn.de>



UNIVERSITÄT **BONN**

Mailing-Listen Service

Home

Search for List(s)

Support

Anmelden

Welcome

This server provides you access to your environment on mailing list server. Starting from this web page, you can perform subscription options, unsubscription, archives, list management and so on.

User instructions

Please make sure to read the following instructions carefully, and to keep them in mind when creating new mailing lists.

Search form

Index of Lists

Browse lists by categories

STEP 2

Search for list(s)

cmf

Search lists

16 occurrence(s) found

C

cmf-all@listen.uni-bonn.de

Color meets Flavor all users

cmf-cb@listen.uni-bonn.de

Color meets Flavor Cluster Board

STEP 3

List Options

Owners: Jochen Dingfelder

Moderators: (same as owners)

Contact owners

List Home

Subscribe

Unsubscribe

Post

cmf-all@listen.uni-bonn.de

Subject: Color meets Flavor all users

You've made a subscription request to cmf-all. To confirm your request, please click the button below:

Your e-mail address:

Name:

I subscribe to list cmf-all

3. CmF BYLAWS AND COOPERATION AGREEMENT

Statut des Exzellenzclusters

Color meets Flavor:

Searching for new Phenomena in Weak and Strong Interactions

Aufgrund des § 2 Abs. 4 in Verbindung mit § 77 Abs. 6 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 hochschulrechtlicher Vorschriften vom 19. Dezember 2024 (GV. NRW. S. 1222), haben die Rheinische Friedrich-Wilhelms-Universität Bonn, die Technische Universität Dortmund und die Universität Siegen in Ausführung der für das Exzellenzcluster abgeschlossenen Kooperationsvereinbarung nach vorheriger Abstimmung mit dem Vorstand des Forschungszentrums Jülich und der Deutschen Forschungsgemeinschaft (nachfolgend DFG) folgendes Statut erlassen:

Präambel

Das nachfolgende Statut regelt die Organisation der Zusammenarbeit der am Exzellenzcluster beteiligten Personen an den Universitäten Bonn, Dortmund und Siegen sowie am Forschungszentrum Jülich.

Die beteiligten Universitäten sowie der Vorstand des Forschungszentrums Jülich verabschieden im Benehmen mit der Leitung des Exzellenzclusters „Color meets Flavor“ nach vorheriger Abstimmung mit der Deutschen Forschungsgemeinschaft folgendes Statut:

§ 1

Stellung innerhalb der Universitäten

- (1) Der Exzellenzcluster ist eine von den Rektoraten der beteiligten Universitäten und dem Vorstand des Forschungszentrums Jülich errichtete gemeinsame wissenschaftliche Einrichtung gem. §§ 29, 77 HG und führt den Namen „Color meets Flavor: Searching | for new Phenomena in weak and strong Interactions“, nachfolgend „Color meets Flavor“, „CmF“ oder „Cluster“.
- (2) Mittelverwaltende Universität ist die Universität Bonn.

§ 2

Ziele des Exzellenzclusters

Die wichtigsten wissenschaftlichen und strukturellen Ziele von CmF sind:

- das Hadronenspektrum und die starke Wechselwirkung weiter zu erforschen,
- die schwache Wechselwirkung mit hoher Präzision zu untersuchen,

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**
[Anschrift]
vertreten durch ...

– nachfolgend „TU Dortmund“ genannt –

und

der **Universität Siegen**
[Anschrift]
vertreten durch ...

– nachfolgend „Uni Siegen“ genannt –

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

und

dem **Forschungszentrum Jülich**
[Anschrift]
vertreten durch ...

– nachfolgend „FZ Jülich“ 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 hochschulrechtlicher Vorschriften vom 19. Dezember 2024 (GV. NRW. S. 1222) der antragstellenden Universitäten unter Mitwirkung des Forschungszentrums Jülich:

Präambel

Die Partner sind exzellenter, international ausgerichteter Forschung verpflichtet und verfügen über fachlich herausragende Wissenschaftler*innen. Sie arbeiten zusammen in einer Kooperation in einem übergeordneten wissenschaftlichen Forschungsbereich im Rahmen des Exzellenzclusters

Bylaws ready since Sep. 10, but still waiting for final consent from FZJ

First draft received, we provided our comments on Oct. 7, no news since then ...

3. CLUSTER PROFESSORSHIPS

Professorship	Univ.	Opening date	W2/W3 salary	Postdoc salaries	Running budget	Perpetuation 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 L. Tancredi
→ First candidate declined
→ Appointment committee
→ Ad to be published soon
→ Offer to M. Hamer
→ To be discussed

Strategic professorships in preparation for CmF

W2 Theoretical Particle Physics (TH)	TUDo	Q3/2022	TUDo	TUDo	TUDo	TUDo
W2 Hadron Physics at ELSA (EXP)	UBo	Q3/2023	UBo	UBo	UBo	UBo
W2 Non-Collider Particle Physics (EXP)	TUDo	Q4/2023	TUDo	TUDo	TUDo	TUDo

E. Stamou
P. Hurck
J. Vogel

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

→ in preparation
→ 2028?

3. CLUSTER OFFICE POSITIONS

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
Finance Officer	0.5	Financial accounting and controlling
Event Manager	0.5	Planning and support for CmF events
Science Communicator	0.5	Science communication, outreach
Teacher/Educator	0.5	School program, outreach
Cluster Team Assistant	1.0	Day-to-day administrative support

Some comments:

- **Cluster Coordinator** (TU Dortmund, tenure) → 2 applications, interview planned for 8.12.
- **Forum Scientific Secretary** (U. Bonn, 50% position, no tenure) → urgent in order to get seminar, colloquium and other CmF Forum activities going
- **Science Communicator** → urgent for public image of CmF
- **Cluster Team Assistant** → ad to be placed soon

3. OTHER POSITIONS IN CmF

- **New professorships**
 - Succession for professorship G. Hiller at TUDo
 - Joint LAMARR-CmF professorship at TUDO?
- **Investigator groups**
 - to be advertised after start of CmF funding (Jan. 2026)?
- **IHL fellows**
 - first choose IHL leader → search committee installed, nomination deadline: Dec. 5
 - to be advertised asap (needed to support INSIGHT, hard to get chip/microelectronics/FPGA experts)
- **IAL fellows (+ IAL software developers)**
 - first choose IAL leaders? → wait for professor decisions (cf. TA2 report)
 - to be advertised after start of CmF funding (Jan. 2026)?

3. ADMISSION OF NEW MEMBERS

The following people are asking for membership in CmF:

- Elisabeth Schopf (junior faculty, USi)
- Dominik Elsaesser (PD, TUDo)
- Qader Dorosti (senior scientist, USi)
- Nico Gubernari (EN fellow, UBo)
- Peter Hurck (professor, UBo)
- Marco Garofalo (postdoc, UBo)
- Gilberto Tetlalmatzi-Xolocotzi (postdoc, USi)
- Jaime Ruz Armendáriz (senior scientist, TUDo)
- Johann Ostmeier (postdoc, UBo)
- Vladyslav Shtabovenko (postdoc, USi)
- Valerio Bertacchi (postdoc, UBo)
- Pia Mareen Bredt (postdoc, USi)
- Jörn Mahlstedt (senior scientist, UBo)
- Philip Hauer (senior scientist, UBo)
- Carolina da Silva Bolognani (postdoc, TUDo)
- Andrea Bulgarelli (postdoc, UBo)
- Sandra Kvedaraitė (postdoc, USi)
- Dr. Anshika Bansal (postdoc, USi)
- Alessandro Scarabotto (postdoc TUDo)
- Mick Mulder (junior faculty, TUDo)
- Martin Bieker (postdoc, UBo)
- Tom Steudtner (junior faculty, TUDo)
- Christian Grefe (junior faculty, UBo)
- Christian Hammann (postdoc, UBo)
- Jack Jenkins (postdoc, USi)
- Jochen Kaminski (senior scientist, UBo)
- Alexandre Cavunis (postdoc, TUDo)
- Tobias Seifen (postdoc, UBo)
- Fabian Hügging (senior scientist, UBo)
- Jan Hartmann (senior scientist, UBo)
- Björn Lange (senior scientist, USi)
- Christoph Schmidt (senior scientist, UBo)
- Dirk Wiedner (senior scientist, TUDo)
- Martin Lang (postdoc, USi)
- Tom Jude (senior scientist, UBo)
- Diptaparna Biswas (postdoc, USi)
- Farah Afzal (EN fellow, RU Bochum)

→ associate members, request by J. Albrecht + U. Thoma

CVs and publication lists are available upon request

3. ADMISSION OF MEMBERS – NEXT STEPS

1. Further faculty members

2. Scientific staff + postdocs

3. Doctoral students

4. Technical and administrative staff

5. Scientists from external institutions

→ regular members

→ regular members

→ student members

→ non-scientific members

→ associate members

→ application incl. CV and publications

→ application incl. CV and publications

→ to be requested by group leader (CV)

→ to be requested by group leader (CV)

→ upon request by regular member (CV and pub.)

} continue

} start now

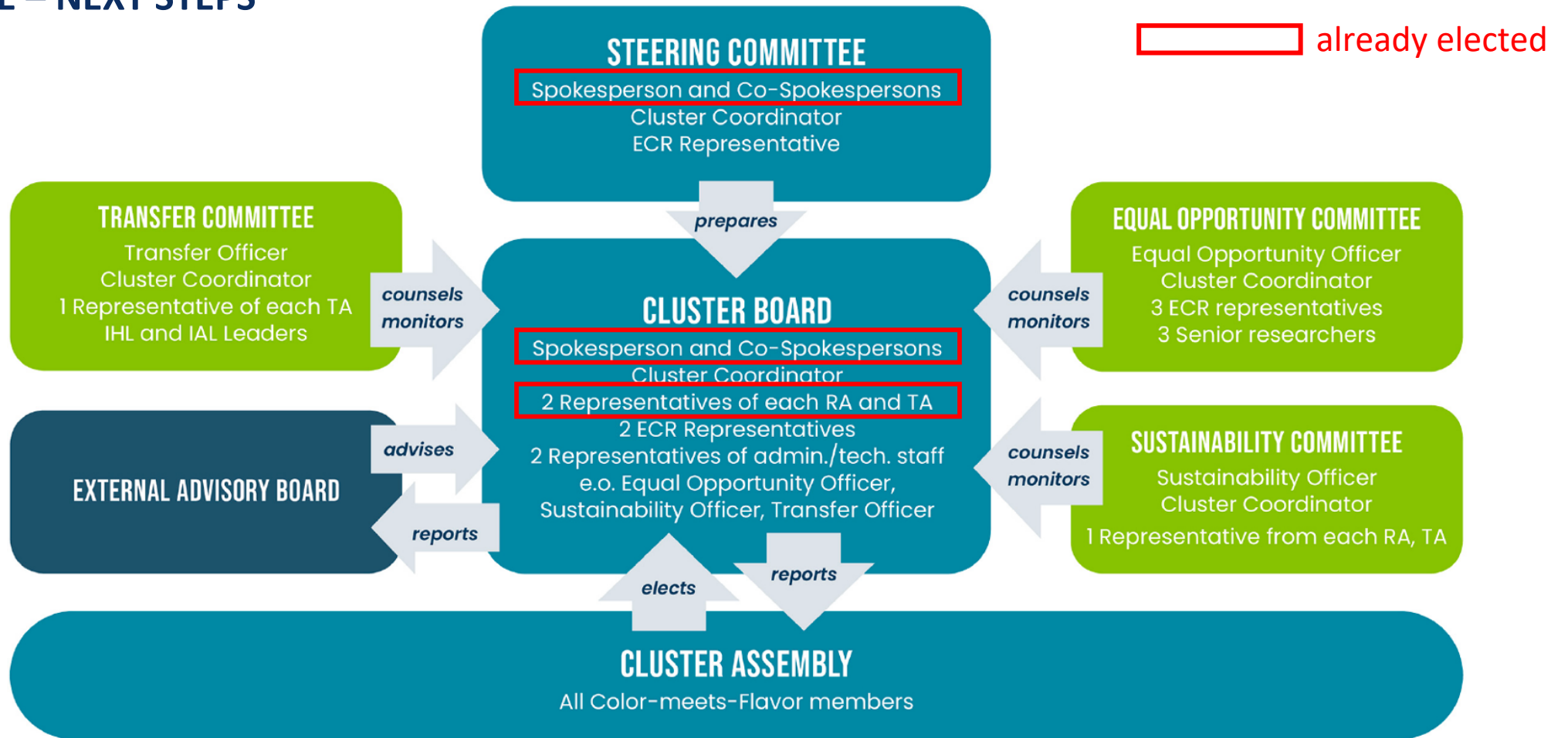
Faculty Members

Bauckhage, C. (Prof. Dr.)	m	UBo	TA2	–	Computer science, Lamarr director
Beck, R. (Prof. Dr.)	m	UBo	RA1, TA1	EXP	Hadron physics (CBELSA)
Bell, G. (Prof. Dr.)	m	USi	RA2, RA3	TH	QCD, EFT
Chen, J.-J. (Prof. Dr.)	m	TUDo	TA2	–	Computer science, resource-aware AI
Dölz, J. (Prof. Dr.)	m	UBo / HCM	TA2	–	Mathematics
Drees, M. (Prof. Dr.)	m	UBo	RA3	TH	BSM physics
Dreiner, H. (Prof. Dr.)	m	UBo	RA3	TH	BSM physics
Fleck, I. (Prof. Dr.)	m	USi	RA3, RA4, TA1	EXP	Top physics (ATLAS), axions (IAXO)
Huber, T. (Prof. Dr.)	m	USi	RA2, RA3, TA2	TH	Flavor physics, computational physics
Ickstadt, K. (Prof. Dr.)	f	TUDo	TA2	–	Statistics
Kilian, W. (Prof. Dr.)	m	USi	RA2, RA3	TH	QCD, EFT
Klemm, A. (Prof. Dr.)	m	UBo / HCM	TA2	–	Mathematical physics
Luu, T. (Prof. Dr.)	m	FZJ	RA1, RA4, TA2	TH	LQCD, computational physics
McElvany, N. (Prof. Dr.)	f	TUDo	cf. Sec. 5.2, 5.5	–	Education, IFS director
Mutzel, P. (Prof. Dr.)	f	UBo	TA2	–	Computer science, computational analytics
Schmieden, H. (Prof. Dr.)	m	UBo	RA1, TA1	EXP	Hadron physics (BGOOD, ELSA)
Stamou, E. (Prof. Dr.)	m	TUDo	RA2, RA3, RA4	TH	BSM physics, flavor physics, axions
Teubner, J. (Prof. Dr.)	m	TUDo	TA2	–	Computer science, AI, databases
van Waasen, S. (Prof. Dr.)	m	FZJ	TA1	–	Electronics, chip design, director of ZEA-2

Further faculty members **not from physics** should be admitted once they have become active in CmF

Suggestion: Organize short CB meeting (by video) in mid December to approve next batch of membership admissions

3. GOVERNANCE – NEXT STEPS



Next steps:

- After next membership application phase for students & admin./tech. staff,
 - ask for nominations for **ECR representatives** and **admin./techn. representatives**
 - continue with formation of **Cluster Board**
 - form the **transfer/equal opportunity/sustainability committees**
- The committees elect their **chairpersons (“officers”)**

3. REGULAR EVENTS – CURRENT EVENTS AT THE CmF SITES

- **U. Siegen**

- Mon., 16-17 TP1 Seminar – particle theory
- Tue., 16-17 CPPS Seminar – particle experiment & theory
- Wed., 12:45 - 14 Journal Club
- Thu., 16-17 Physics Colloquium

- **TU Dortmund**

- Wed. 16-17 Particle Theory Seminar
- Thu. 16-17 Particle Colloquium (particle physics & astro particle physics, experiment & theory)

- **U. Bonn**

- Thu., 10-11 Particle Physics Seminar
- Fri., 13-14 Physics Colloquium
- Tue., 15-16 HISKP Colloquium
- Mon. 15-16 HISKP Theory Seminar
- Mon., 14-15 HEP Theory Seminar
- Tue., 14-15 String Theory Seminar
- Wed., 11-12 Amplitudes Seminar
- Thu. 16-17 (1x/mo.) BCTP Colloquium
- Bethe Forum, Bethe Colloquium

3. REGULAR CmF EVENTS

- CmF Colloquium (1 x per month?, 1-2 times per semester?)
- CmF Seminar (1 x per month?)
- CmF Cluster Retreat (1 x per year)

- CmF Cluster Board Meeting (1 x per month during lecture term)
- CmF Steering Committee Meeting (1 x per week)
- CmF General Assembly (1 x per year)

- IAL Lecture Weeks
- R&D Forum

Not including workshops, training, teaching and outreach events!

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4. FINANCES – GENERAL INFORMATION

- Officially, funds **cannot be carried over** to the next year
Unofficially, requests that are well justified (esp. early in the funding period) may be considered (esp. for invest)
- Procurement requests for **investments of ≥ 150 kEUR** need to be submitted to the DFG by **Sep. 30** of each year
- Can **PhD student positions** (applied for as 75% TV-L 13) be **67% TV-L 13** ? → currently checking
- Funds are transferred from DFG to U. Bonn as managing university via **fund request** (Mittelabruf)
First fund request over 1.24 MEUR (ca. $\frac{1}{4}$ of funding for 2026) was submitted by U. Bonn on Nov. 27.
- Funds are transferred from U. Bonn to TU Dortmund/U. Siegen/FZJ via **request for a transfer of funds** (Antrag auf Mittelweiterleitung).
Suggestion (to be discussed): Requests for a transfer of funds should be sent to U. Bonn on a **quarterly basis**
- In Bonn, there will be **one central CmF account** plus **one account per PI**.
No funds will be transferred between Bonn accounts. This is only a “book-keeping trick” to assign personnel to the correct institute, let PIs check the status of their funds, etc.
- The cluster coordinator (TUDo) should have the rights to look at the account and issue orders, transfers, etc.

4. 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

Requested funding:	48791
Project allowance (22%):	10734
Total:	59525

- **Funding has been cut by 24%**
- Part of the funding has only been been **conditionally approved** (blocked until budget decision in Oct. 2026)

4. FINANCES – PROPOSED FUNDING CUTS

	Before cuts k€	After cuts k€	After/before	Comments
Cluster professorships: 8 × E13 + 3 × 15 k€ + 1 × 25 k€	4839	4839	100%	
Investigator groups: 4 × (W2 + 0.75 E13 + 10 k€) for 5 yrs	3930	2948	75%	4 → 3
Cluster postdocs: 12 × E13	7171	5976	83%	12 → 10
Cluster PhD: 16 × 0.75 E13 ≈ 18 × 0.67 E13	7245	5434	75%	16 → 12 (≈ 13.5 for 0.67 E13)
IHL fellows: 4 × E13	2362	2362	100%	
IAL fellows: 6 × E13	3544	2362	67%	6 → 4
Cluster Office: 2 × E14 + 2 × E13 + 2 × E11 + 1 × E9	3310	2653	80%	cf. next slides
Running budget (incl. travel)	11526	6234	54%	cf. next slides
Invest: Equipment presentation rooms: 3 × 50 k€	150	150	100%	
Invest: R&D for SUPAX, axion detector, Lohengrin	265	265	100%	
Instrumentation: SUPAX (readout)	100	100	100%	
Instrumentation: Lohengrin (pixel chip submission)	150	150	100%	
Instrumentation: BabyIAXO	300	300	100%	
Instrumentation: INSIGHT	3900	3900	100%	
TOTAL	48791	37673	77%	Approx. OK

Target: 37081 76%

4. FINANCES – PROPOSED FUNDING CUTS WITHOUT REDUCTION OF POSTDOC + PHD POSITIONS

	Before cuts k€	After cuts k€	After/before	Comments
Cluster professorships: 8 × E13 + 3 × 15 k€ + 1 × 25 k€	4839	4839	100%	
Investigator groups: 4 × (W2 + 0.75 E13 + 10 k€) for 5 yrs	3930	2948	75%	4 → 3
Cluster postdocs: 12 × E13	7171	7171	83%	unchanged
Cluster PhD: 16 × 0.75 E13 ≈ 18 × 0.67 E13	7245	7245	75%	unchanged
IHL fellows: 4 × E13	2362	2362	100%	
IAL fellows: 6 × E13	3544	2362	67%	6 → 4
Cluster Office: 2 × E14 + 1 × E13 + 1 × E11 + 1 × E9	3310	2653	80%	cf. next slides
Running budget (incl. travel)	11526	6234	54%	cf. next slides
Invest: Equipment presentation rooms: 3 × 50 k€	150	150	100%	
Invest: R&D for SUPAX, axion detector, Lohengrin	265	265	100%	
Instrumentation: SUPAX (readout)	100	100	100%	
Instrumentation: Lohengrin (pixel chip submission)	150	150	100%	
Instrumentation: BabyIAXO	300	300	100%	
Instrumentation: INSIGHT	3900	3900	100%	
TOTAL	48791	40680	83%	3.6 MEUR overspending

Target: 37081 76%

4. FINANCES – CLUSTER OFFICE

Cluster Office		Before cuts k€	After cuts k€	Comments
Cluster coordinator (E14)	TUDo	748	748	Tenured at TUDo
Research Academy coordinator (0.5 E14)	USi	374	374	Tenured at USi
Forum scientific secretary (0.5 E14)	UBo	374	374	Temporary position
Teacher/educator (0.5 E13)		347	–	TUDo from overheads
Science communicator (0.5 E13)	USi	347	347	
Finance officer (0.5 E11)		310	–	Cluster coord., team assist.
Event manager (0.5 E11)	UBo	310	310	
Cluster team assistant (E9)	UBo	501	501	2 nd team assistant at TUDo
TOTAL		3310	2653	

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
Finance Officer	0.5	Financial accounting and controlling
Event Manager	0.5	Planning and support for CmF events
Science Communicator	0.5	Science communication, outreach
Teacher/Educator	0.5	School program, outreach
Cluster Team Assistant	1.0	Day-to-day administrative support

4. FINANCES – RUNNING BUDGET

Direct Project Costs	Before cuts k€	After cuts k€	After/before	Comments
IHL budget (120 k€/year)	780	780	100%	
IAL budget (25 k€/year)	163	163	100%	
CmF Forum budget (250 k€/year)	1625	813	50%	250 → 125 kEUR/year
Research Academy budget (50 k€/year)	325	163	50%	50 → 25 kEUR/year
Outreach fund (100 k€/year)	650	325	50%	100 → 50 kEUR/year
Equal opportunity fund (200 k€/year)	1300	650	50%	200 → 100 kEUR/year
Projet seed fund (250 k€/year)	1625	813	50%	250 → 125 kEUR/year
Career development fund (250 k€/year)	1625	813	50%	250 → 125 kEUR/year
Mobility fund (50 k€/year)	325	163	50%	50 → 25 kEUR/year
Travel budget (ca. 3 k€/year per CmF-funded person)	1170	585	50%	
MSc scholarships (10 + 10 IMAP per year)	1560	780	50%	20 → 10
Other	378	189	50%	
TOTAL	11526	6234	54%	

4. FINANCES – NUMBER OF RESEARCH POSITIONS PER RA/TA

- Version **still without reduction** of postdoc/PhD positions
- Postdoc positions connected with cluster professorships not included here

	2026	2027	2028	2029	2030	2031	2032
RA1	1.5 PD + 1.5 PhD	3 PD + 3 PhD	3 PD + 3 PhD	4 PD + 5 PhD	4 PD + 5 PhD	4 PD + 5 PhD	4 PD + 5 PhD
RA2	1.5 PD + 1.5 PhD	3 PD + 3 PhD	3 PD + 3 PhD	4 PD + 5 PhD	4 PD + 5 PhD	4 PD + 5 PhD	4 PD + 5 PhD
RA3	1 PD + 1.5 PhD	2 PD + 3 PhD	2 PD + 3 PhD	2 PD + 4 PhD	2 PD + 4 PhD	2 PD + 4 PhD	2 PD + 4 PhD
RA4	1 PD + 1 PhD	2 PD + 2 PhD	2 PD + 2 PhD	2 PD + 2 PhD	2 PD + 2 PhD	2 PD + 2 PhD	2 PD + 2 PhD
TA1	2 PD + 5 PhD	2 PD + 5 PhD	2 PD + 5 PhD	0	0	0	0
TA2	0	0	0	0	0	0	0
TOTAL	7 PD + 10.5 PhD	12 PD + 16 PhD	12 PD + 16 PhD	12 PD + 16 PhD	12 PD + 16 PhD	12 PD + 16 PhD	12 PD + 16 PhD

AGENDA

1. Welcome & introduction
2. Short reports from the CmF sites
3. Organizational matters
 - web page, email lists, project box, etc.
 - status of bylaws and cooperation agreement
 - cluster professorships
 - cluster office positions
 - admission of CmF members
 - governance – next steps
 - regular CmF events
4. Finances
- 5. Reports from the RAs**
6. Forming cross-functional research teams
7. Reports from the TAs (incl. ELSA & INSIGHT)
8. Planning CmF funding proposals
9. AOB

5. REPORTS FROM THE RESEARCH AREAS

Kick-off meeting for RAs:

- RA1: November 10, 10:00-16:00 C. Hanhart, U. Thoma
- RA2: October 23, 10:00-16:00 T. Mannel, S. Stefkova
- RA3: October 7, 10:00-16:00 M. Cristinziani, C. Duhr
- RA4: December 2, 10:00-16:00 E. Stamou, J. Vogel

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6. FORMING CROSS-FUNCTIONAL RESEARCH TEAMS

- Cross-functional research teams (CFRT) collaborate closely on **common CmF projects**
- CFRTs bring together scientists with **different areas of expertise**, including theorists working on complementary theoretical approaches and experimentalists from different experiments, as well as, where appropriate, partners from computer science or mathematics
- Should preferentially be **led by an experienced ECR** (junior research group leader or advanced postdoc)
- Where appropriate, we will try out the **Agile methodology** (sprints, retrospectives, etc.)
To learn more about Agile, a training session will be organized

Today's goal: Get a first idea of what CFRTs will be useful in CmF

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7. REPORTS FROM THE TECHNOLOGY AREAS

Kick-off meeting for TAs:

- TA1: November 14, 10:30-16:00 K. Desch, I. M. Gregor
- TA2: November 24, 13:00-16:00 F. Bernlochner, S. Krieg

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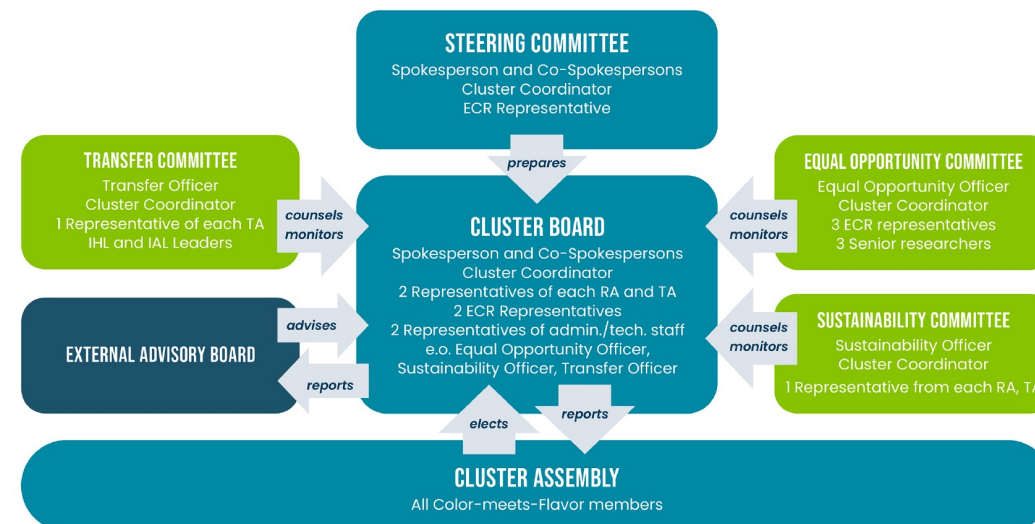
8. PLANNING CmF FUNDING PROPOSALS

- RA (TA) conveners **group & prioritize the projects** according to the project descriptions and considering possible CFRTs
- Project descriptions can be turned into funding proposals (can still be modified, if needed)
→ **submit proposals to Steering Committee**
- **Steering Committee** with help from **experts** (typ. RA, TA conveners, if needed EAB) **reviews and evaluates** the proposals
- **Cluster Board decides** on the proposals and allocation of funds based on the input from the SC
- The **decision criteria** are:
 - **Relevance of the project** for achieving the **goals of the Cluster**
 - **Structural impact of the project**, e.g., with regard to cooperation between the participating institutions
 - **Necessity and appropriateness** of the support
- **Open questions:**
 - How many funding rounds per year?

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7. Reports from the Tas (incl. ELSA & INSIGHT)
8. Planning CmF funding proposals
- 9. AOB**

- All admitted 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

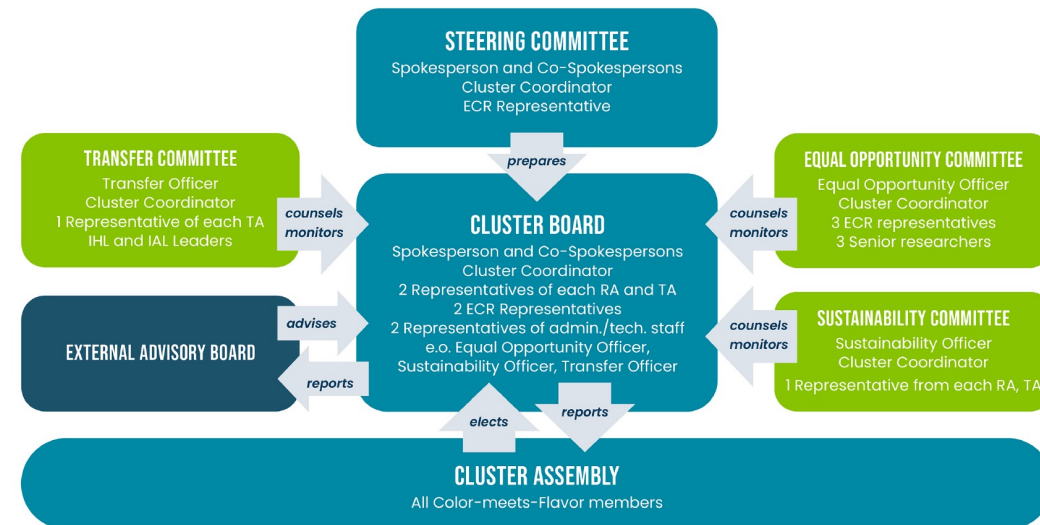


CLUSTER BOARD (CB)

- Members **elected by the Cluster Assembly** for period of **3 years**
- Monthly meetings during lecture period
- **Responsibilities:**
 - Developing the **research program**, coordinating it, and aligning with university leadership
 - Preparing the **overall funding proposal** for submission to the DFG
 - Deciding on the **admission and exclusion of members**
 - Advising the spokesperson on budgetary matters
 - Implementing and ensuring the quality of **internal funding allocation procedures**
 - Participating in **hiring and dismissal decisions** for CmF-funded staff (by universities or involved institutions)
 - Planning and ensuring the quality of supporting structures

CLUSTER BOARD

Spokesperson and Co-Spokespersons
Cluster Coordinator
2 Representatives of each RA and TA
2 ECR Representatives
2 Representatives of admin./tech. staff
e.o. Equal Opportunity Officer,
Sustainability Officer, Transfer Officer

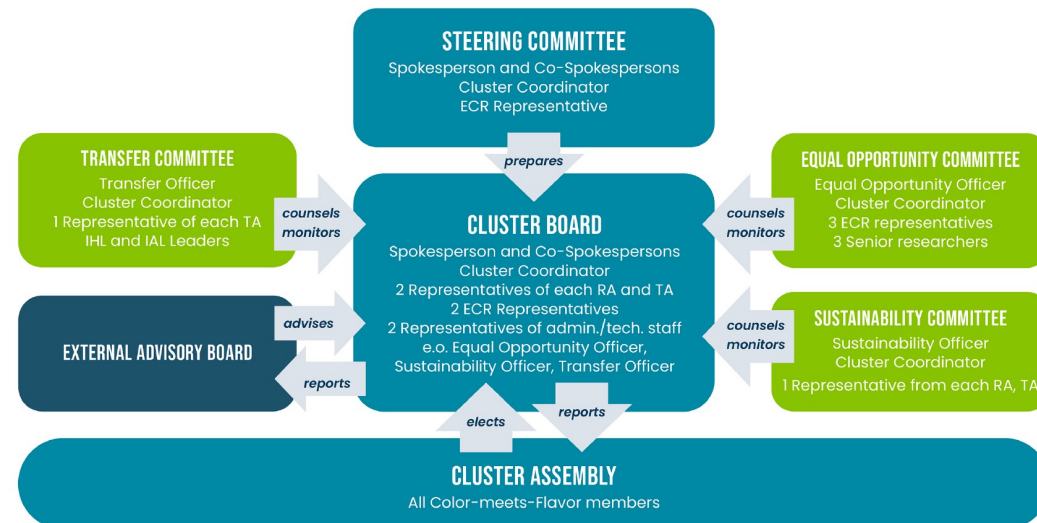


STEERING COMMITTEE (SC)

STEERING COMMITTEE

Spokesperson and Co-Spokespersons
Cluster Coordinator
ECR Representative

- Steering Committee **formed by Cluster Board** from among its members
- Meets frequently, every 1-2 weeks
- **Responsibilities:**
 - Reviewing and evaluating **funding applications**
 - Preparing decisions on approvals (to be made by the Cluster Board)
 - Obtaining external expert reports if necessary for decision-making on CmF matters
 - Preparing additional **decision proposals** for the Cluster Board, if required



- Consists of **6-10 persons**
- **Appointed by Cluster Board** for the **duration of the funding period**
- 2 meetings per year
- Elects a chairperson from among its members
- **Responsibilities:**
 - Developing **recommendations** and statements on the scientific and structural development of CmF
 - Providing recommendations on important (personnel) decisions for CmF
 - Participating in internal evaluations of CmF as part of quality assurance
 - Advising on major investments

“Starting point” for EAB: Critical friends

Experiment

1. Patrizia Rossi (JLAB)
2. Pierluigi Campana (Frascati)
3. Peter Krizan (Ljubljana)
4. Michael Williams (MIT)

Theory

1. Aneesh Manohar (UC San Diego)
2. Aida El-Khadra (Illinois)
3. Tetsuo Hatsuda (RIKEN, Japan)

ADVISORY COMMITTEES

- Committee members **elected from regular CmF members by Cluster Board**
- Elect **chairperson (“officer”)** from among their members
- **Counsel and monitor the Cluster Board** regarding all issues related to **equal opportunity, sustainability, and transfer activities**

EQUAL OPPORTUNITY COMMITTEE

~~Equal Opportunity Officer~~
Cluster Coordinator
3 ECR representatives
3 Senior researchers

SUSTAINABILITY COMMITTEE

~~Sustainability Officer~~
Cluster Coordinator
1 Representative from each RA, TA

TRANSFER COMMITTEE

~~Transfer Officer~~
Cluster Coordinator
1 Representative of each TA
IHL and IAL Leaders

Committee members will be elected once the Cluster Board is fully established

SPOKESPERSON AND CO-SPOKESPERSONS

- **Elected by the Cluster Assembly** (at the moment the 25 Pls) for a period of **4 years**.
Can be **re-elected**.
- **Responsibilities (Spokesperson):**
 - Chairs Cluster Board and Cluster Assembly
 - Responsibility for appropriate **allocation of resources** and adherence to the overall budget
 - Convening and **chairing** meetings of the **Cluster Board** and **Steering Committee**
 - Reporting decisions to the Steering Committee
 - **Communicating information to participants and staff**
 - **Representing** the cluster externally
- **Responsibilities (Co-spokespersons):**
 - Support the spokesperson, particularly on matters concerning their **respective institutions**

RA/TA CONVENERS

- **Elected by the Cluster Assembly** (at the moment the 25 PIs) for a period of **3 years**
- **Responsibilities**
 - Structure and manage **scientific program** of RA/TA
 - Coordinate and propose the installation of **cross-functional research teams**
 - Serve as **RA/TA representatives** in the **Cluster Board**

Elected candidates:

	RA1	RA2	RA3	RA4
Experiment	U. Thoma (UBo)	S. Stefkova (UBo)	M. Cristinziani (USi)	J. Vogel (TUDo)
Theory	C. Hanhart (FZJ)	T. Mannel (USi)	C. Duhr (UBo)	E. Stamou (TUDo)

	TA1		TA2
Detector	I. Gregor (UBo)	Experiment	F. Bernlochner (UBo)
Accelerator	K. Desch (UBo)	Theory	S. Krieg (FZJ)

ADMISSION OF MEMBERS

The Cluster Board decides, upon application, on the admission of members to the cluster as well as on the exclusion of members from the cluster.

§ 5

Mitglieder des Clusters

- (1) Die im Antrag unter „1.5 Principal investigators“ genannten Personen sind reguläre Mitglieder von CmF.
- (2) Weitere Personen können auf Antrag als reguläre Mitglieder in CmF aufgenommen werden, sofern sie im Forschungsgebiet von CmF die Befähigung zu eigenständiger wissenschaftlicher Tätigkeit (in der Regel durch die Promotion) nachgewiesen haben und Mitglieder einer der beteiligten Institutionen sind. Der Antrag mit Lebenslauf und Publikationsverzeichnis wird formlos an den Clusterrat gestellt.

§ 6

Rechte der Mitglieder

- (1) Die regulären Mitglieder sind berechtigt, im Rahmen der Möglichkeiten von CmF dessen Infrastruktur und Ressourcen zu nutzen. Sie können in Ansehung des in § 17 festgelegten Verfahrens zur internen Mittelverteilung an den CmF zur Verfügung stehenden Mitteln partizipieren.
- (2) Die Mitglieder von CmF können dem Clusterrat Vorschläge für Aktivitäten vorlegen, die innerhalb von CmF durchgeführt bzw. von CmF unterstützt werden sollen.

§ 7

Pflichten der Mitglieder

- (1) Die Mitglieder sind verpflichtet, an den in § 2 festgelegten Zielen von CmF sowie an dessen Verwaltung nach Maßgabe dieser Ordnung mitzuarbeiten.
- (2) Die regulären und assoziierten Mitglieder sind gegenüber dem Clusterrat von CmF zur regelmäßigen Berichterstattung verpflichtet. Beim Ausscheiden eines Mitgliedes muss dieses innerhalb von sechs Monaten einen Abschlussbericht über die in CmF durchgeführten Arbeiten vorlegen.
- (3) Die Mitglieder sind zur Einhaltung der Verwendungsrichtlinien für Exzellenzcluster und der weiteren Vorgaben der DFG verpflichtet.

ALLOCATION OF CmF FUNDS

1. The **allocation criteria** are formulated by the Cluster Board and submitted to the general assembly for a vote.
2. Funds approved for the Cluster are awarded through an **application process**. All types of funding (personnel costs, direct project costs, etc.) may be applied for.
3. All **regular members** are eligible to apply.
4. Applications must be **submitted informally to the Steering Committee** (max. two A4 pages) and should address the following points:
 - **Details of the project** to be supported and its relevance to CmF,
 - **Structural impact** of the requested funds for CmF,
 - **Justification for the requested amount** of funding, including a description of the **applicant's own contribution**.
5. The **Steering Committee reviews and evaluates** the applications and, if necessary, obtains an external expert opinion, e.g., from EAB.
6. The **decision criteria** of the Steering Committee and the Cluster Board are:
 - **Relevance of the project** for achieving the **goals of the Cluster**,
 - **Structural impact of the project**, e.g., with regard to cooperation between the participating institutions.
 - **Necessity and appropriateness** of the support.
7. The **decision** regarding the allocation of funds is made by the **Cluster Board** based on the proposal of the Steering Committee.

COOPERATION PARTNERS

No.	Individuals as Cooperation Partners	Location
1	Thibaud Humair	DESY & University of Göttingen
2	Igor Irastorza	University of Zaragoza
3	Andreas Jüttner	CERN & Southampton University
4	Michael Karagounis	University of Applied Sciences and Arts Dortmund
5	Zoltan Ligeti	Lawrence Berkeley National Laboratory
6	Fabio Maltoni	University of Bologna
7	Ryan Mitchell	Indiana University Bloomington
8	José Ramon Peláez	Universidad Complutense, Madrid
9	Marie-Hélène Schune	Irène Joliot-Curie Lab, Orsay
10	Phiala Shanahan	Massachusetts Institute of Technology
11	Adam Szczepaniak	Indiana University Bloomington
12	Phillip Urquijo	University of Melbourne
13	Keri Vos	Maastricht University
14	Guy Wilkinson	University of Oxford
15	Malgorzata Worek	RWTH Aachen University
16	Bingsong Zou	Tsinghua University, Beijing

New cooperation partners can be added.

Suggestion from TUDo: Add cooperation partner(s) from Bochum