

Particle and Astroparticle Physics Working Group

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Round Table Physics

The NWO Domain Science has appointed seven disciplinary advisory committees to facilitate an effective collaboration between the board, the office and 'the field'. The disciplinary advisory committees have been given the name 'round tables' and are made up of researchers. With the establishment of the round tables the research field has been organised in such a way that it can advise the board within the new NWO.

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- Kees Storm (TUE)
- Lieven Vandersypen (TUD)
- Caspar van der Wal (RUG)
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Other Round Tables:

- Chemistry
- Computer Science
- Earth Sciences
- Life Sciences
- Mathematics

Working Groups - *Werkgemeenschap*

- Physics of Fluids and Soft Matter
- Nano, Quantum and Material Physics
- **Physics for Technology and Instrumentation**
- **Particle and Astroparticle Physics (PAPP)**
- Physics of Life

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Membership in the working groups is open to every member of the scientific staff (assistant, associate and full professors, group leaders and of course tenure trackers) at one of the Dutch universities or institutes. Researchers from industry as well as researchers who work outside the Netherlands (but with a special affinity for the research field in the Netherlands) are also welcome to become members.

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Become a member of Max two:
<https://nwo-wgc-natuurkunde.nl>

Advisory Committees - *Werkgemeenschapscommissie (WGC)*

- Particle and Astroparticle Physics WGC

- Patrick Decowski (chair)
- Ana Achúcarro
- Stan Bentvelsen
- Eric Bergshoeff
- Sarah Caudill
- Steven Hoekstra
- Eric Laenen
- Thomas Peitzmann
- Gerhard Raven
- Hella Snoek

- Physics for Technology and Instrumentation WGC

- Niels van Bakel is member

PAPP community is broader than just Nikhef:
also CAN (with Astronomy) and HTH (Theory)

Tasks WGC

- **Identify** and communicate **new developments** in our field
- **Connect with the community**
- Maintain the network with the Dutch National Research Agenda (NWA), top sectors, Platform Academische Natuurkunde (PAN), other working groups, etc
- **Evaluate** the progress of ongoing **research programs** and advise the Round Table Physics at the conclusion of these programs
- **Monitor** ongoing **research and facilities** and new initiatives
- Help shaping and implementing **network and forum activities** of NWO in consultation with the field (e.g. during Physics@Veldhoven)
- Give **unsolicited and solicited advice** to the Round Table Physics and to the Science board (DB-ENW).



PAPP WGC

- Had first meeting of WGC on May 20
- Monitoring of projects
 - Interaction with Nikhef SAC
 - Programs > 1 MEu: Vrije Programma's, VICIs, ENW-Groot etc.
- Request from Round Table: 4 page strategy document for PAPP
 - Input from the three sub-communities
 - First draft by September, final version by December

Strategy Paper

From the request from the Round Table Physics:

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We would like to ask you to draft a strategy paper for your working group.

...

Parallel the chemistry working groups will receive a similar request.

...

The strategy papers of the working group communities will be the building blocks for establishing a broadly supported vision for physics and chemistry for the (medium) long term (5-10 years). At the moment we are investigating the set-up of a platform for physics and chemistry together with the Platform Academische Natuurkunde (PAN), the NNV and our chemistry counterparts under lead of Bert Meijer. The platform will act as national contact point for research and education in physics/chemistry, and from that role represents the interests of the discipline and promotes the importance of the discipline for our current and future society.

...

In addition, our goal is to use the strategy papers to better define the position of physics and to assist the board of the NWO domain Science in identifying new opportunities for activities in for example the Top Sectors or the National Science Agenda.

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