



## Newsletter for the Fundamentals and Methods research community

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### News

- **Vision for chemistry; making a stand for fundamental sciences**
  - On 16 October 2020 the KNAW has presented their [report 'Rolling grants'](#) to minister Van Engelshoven. The report advocates for more structural funding for scientists throughout their career. NWO is supportive of these grants in combination with the existing competitive grants.
  - On 15 October 2020 the Table Chemistry presented the [Vision for Chemistry 2040](#) to the NWO Science Domain Board.
  - The website of the Dutch Chemistry Council, <http://dutchchemistrycouncil.nl/>, will be launched soon. Here, a pamphlet will be posted advocating for more funding for fundamental research.
- **Funding news**
  - The NWO Open Competitions instruments ENW Klein and ENW Groot have been developen and will continue as [ENW-M](#) and [ENW-XL](#), respectively. ENW KLEIN-0 will continue as ENW-M-invest.
  - The [incentive grants for women in STEM](#) are still available.
  - The ERC budget for 2021-2026 will be cut by 10%. This decision has shaken the academic world. [Link](#)
  - NWO's new PPP funding instrument KIC has developed new calls on four main routes: 1. [Mission Driven calls](#) 2. [Partnerships](#) (opens soon) 3. [Long-Term Programs](#) and 4. [Practice-oriented instruments](#). One of the mission-driven calls especially interesting for this community is the [Key Technology call](#).
- **National chemistry awards**
  - KNCV Awards: Gouden Medaille 2020 Prof. Dr. Patricia Dankers (TU/e), Jong KNCV Sportlightprijs Dan Jing Wu (TU/e), Gouden Master Award Thijs Hazenberg (TU/e), Gouden Spatel Bo Soolsma (Saxion Hogeschool), Gouden Vlam Benzjie Kamphuis (ROC Twente). *Congratulations!*
- **Committee news**
  - Committee member Anouk Rijs was appointed full professor at the VU. *Congratulations Anouk!*
  - On 30 October 2020 the (vice-)chairs of the advisory committees will meet with the Table Chemistry.
- **Round Table Chemistry call**
  - The round Table Chemistry is looking for new members. The Table provides advice to the NWO science domain board and represents the interests of the research communities. A full description of the tasks and way of working can be found [here \(in Dutch\)](#). If you are interested, please let us know by sending an email to [chemistry@nwo.nl](mailto:chemistry@nwo.nl).

## Future Events & Awards

In the table future events interesting for the FMC community and the publication dates of the winners of the ENW-Awards are listed.

EVENT/AWARD	ORGANIZER	WHEN	WHERE	WEBSITE
The Analytical Challenge 2020 (Lab-to-the-Sample)	KNCV	12 Nov. '20	Digital conference	<a href="#">Link</a>
ENW Team Science Award	NWO	30 Nov. '20	Online	tbd
ENW Communication Award	NWO	1 Dec. '20	Online	tbd
ENW Stairway to Impact Award	NWO	2 Dec. '20	Online	tbd
ENW Diversity Initiative Award	NWO	3 Dec. '20	Online	tbd
ENW Athena Award	NWO	4 Dec. '20	Online	tbd
CHAINS Talkshow for PIs	NWO	7 Dec.'20	Digital show	tbd
MicroNanoConference 2020	MinacNed	3-4 Dec.'20	Digital conference	<a href="#">Link</a>
CHAINS 2020	NWO	8-9 Dec.'20	Digital conference	<a href="#">Link</a>

## Status NWO Calls

OPEN COMPETITON	TALENT	PPP / KIC*	OTHER
<a href="#">ENW XS</a> Temporarily closed	<a href="#">Rubicon ENW</a> Deadline proposal: 1 Dec.'20	<a href="#">KIEM GoChem</a> Deadline proposal: 10 Dec.'20	<a href="#">Zwaartekracht</a> Deadline proposal: 19 Jan.'21
<a href="#">ENW M</a> Continuous application	<a href="#">VENI 2021</a> Deadline proposal: 20 May'21	<a href="#">KIC – mission driven</a> 7 calls open (incl. <a href="#">Key Technologies</a> )	<a href="#">TTW Perspectief</a> Deadline initiative: 22 Oct.'20
<a href="#">ENW XL</a> Deadline pre-proposal: 15 Apr.'21	<a href="#">VIDI 2020</a> Temporarily closed	<a href="#">KIC - partnerships</a> Opens soon	<a href="#">Women in STEM</a> Deadline proposal: 31 Dec.'20
<a href="#">TTW OTP</a> Continuous application	<a href="#">VICI 2020</a> Temporarily closed	<a href="#">KIC – Long-Term Programs</a> Deadline initiatives: 25 Jan.'20	<a href="#">NWO Scientific meetings and consultations</a> Continuous application

\* PPP: Public-Private Partnerships; KIC: Knowledge and Innovation Covenant

*On the next page granted NWO projects with a link to the Fundamentals and Methods of Chemistry research community are listed.*

**For questions, ideas and input for news items, please contact:**

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## Recently granted projects

In the table below projects granted in the last few months are listed that have a connection to the research community Fundamentals and Methods of Chemistry. Some projects have a connection to multiple chemistry research communities. In the following newsletters all relevant projects granted in the previous quarter of the year will be listed.

TITLE	APPLICANT	INSTRUMENT	INSTITUTE
Dengue virus disease on a chip for novel biomarker discovery and drug screening	Dr. Y. Abouleila	OC XS	LEI
A new approach to the sustainable manufacturing of valuable chemicals	Dr. R. Cioc	OC XS	UU
A voltage keeper for cryo-EM	Dr. D.H.M. Meijer	OC XS	TUD
Live recording of gene expression: visualizing and tracking individual mRNA molecules in real time	Dr. S.A. Ruijtenberg	OC XS	UU
Bio-inspired chromatography column for circulating tumor cell extraction from blood	Dr. S. Sukas	OC XS	TU/e
Self-assembly pathways of an artificial light harvesting complex	Prof. dr. M.S. Pchenichnikov & Dr. T.L.C. Jansen	ENW Klein	RUG
The Truth is in the detail	Prof. dr. J. Roithová	ENW Klein	RU
'Google biomaps' on a square nanometre	Dr. B. Giepmans	LIFT	UMCG, TUD, Delmic BV
Removing ionic contaminants from water – can it be done electrically?	Dr. R. Hartkamp	LIFT	TUD, Avsalt AB
Robust sensors for the agricultural and food sector	Dr. L. de Smet	LIFT	WUR, IMEC, PlantLab Groep, Metrohm Ned.
A pinch of promoter works wonders for catalytic converters	Prof. dr. B. Weckhuysen	LIFT	UU, Umicore AG& Co. KG