

NWO newsletter for the Physics of Life



research community

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DutchBiophysics 2020

The 2020 edition of [DutchBiophysics](#) will be online. Perhaps even more than in previous editions this conference answers to a need to connect with fellow group leaders in the biophysics field (and beyond). To this end we are organizing an informal “Open platform Physics of Life” session for group leaders during the lunchbreak on the second day of the meeting. We kindly invite you to attend this open platform to discuss the latest developments, problems and needs within this research community. If you had not already done so, please [register](#) for this event.

Looking forward to meet you there, on behalf of the PoL working group committee,

Stella Koppel (secretary WG PoL)

John van Noort (chair WG PoL)

Other events & meetings

What	When	Where	How
Life Sciences meets Physics with Industry 2020	9-13 November	Lorentz Center, Leiden	Register here (the deadline is 28 September at 14 h)
NWA webinar	17 September	Online	Registration form on the NWO website

News

- 19 June 2020: Spinoza Prize awarded to Nynke Dekker ([TUD](#))
- 19 June 2020: Spinoza Prize awarded to Jan van Hest ([TU/e](#))
- 31 March 2020: ERC Advanced Grant for Gijs Wuite for research on Disentangling metaphase chromosome organisation one chromosome at a time ([VU](#))

Granted projects

OPEN COMPETITION

ENW KLEIN – package 5

Manipulating the protein aggregation energy landscape: how a passive chaperone protein safeguards against disease.

Prof. Mireille Claessens (University of Twente) and Dr Christian Ottmann (Eindhoven University of Technology)

Endothelial junctions –forces guiding vasculature

Dr Stephan Huveneers (Amsterdam University Medical Center)

ENW KLEIN – package 6

Seeing viral infection

Prof. dr. F.J.M. van Kuppeveld (UU) - Dr. M.E. Tanenbaum (KNAW)

The Truth is in the detail

Prof. dr. J. Roithová (RU)

Light-sheet microscope to study signalling processes during development and tissue homeostasis

Dr. K.F. Sonnen (KNAW)

ENW GROOT

Resolving the fundamental building principles of the genome

Dr. R.T. Dame, UL

The Active Matter Physics of Collective Metastasis

Dr. E.H.J. Danen, UL

Unwiring beneficial functions and regulatory networks in the plant endosphere

Prof. dr. J.M. Raaijmakers, NIOO

Guardians of protein disorder

Dr. L.M. Veenhoff, UMCG

Organoids in time

Dr. J.S. van Zon, AMOLF

Nanoscale regulators of photosynthesis

Prof. dr. R.G.M. Croce, VU

TALENT

VICI-2019

From stress to success: how hidden bacteria become opportunistic

Dr. D. (Dennis) Claessen (m), LEI

Uncovering the clockwork of cellular metabolism

Prof. dr. M. (Matthias) Heinemann (m), RUG

Next-Generation Nanosensors for home-diagnostics

Prof. dr. G. (Giovanni) Maglia (m), RUG

Taming chemical reactions

Prof. dr. S.Y.T. (Bas) van de Meerakker (m), RU

Peptide self-assembly: one non-covalent interaction at a time

Dr. A.M. (Anouk) Rijs (f), RU

Poor old Pores

Dr. L.M. (Liesbeth) Veenhoff (v), UMCG

For questions, ideas and news items, please contact:

Dr. Stella Koppel, secretary of the advisory committee for the Physics of Life research community

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