

MEET OUR KEYNOTE SPEAKERS



1. MACHTELD DE KROON

Machteld has a background in Physics and did her PhD in Ultrasonic Diagnostics. During her 30 years of working experience, she was involved in national and international technology development projects, driven by realizing innovative applications of cutting edge technologies, also including materials technology, mechatronics, optics, ultrasonic imaging, flow metering and model based data-interpretation. In her managerial responsibilities as Director of Research of Nanotechnology she gained experience in application driven co-creation for industrial applications. Nowadays as a Managing Director of TNO Unit Buildings, Infrastructure and Maritime she is hugely involved in technology developments for Sustainable Built Environment, also enhancing Shared Research for Construction and Installation challenges, in the position of Board Member of BTIC (Building Technology Innovation Centre) to achieve Energy neutral or even Energy producing Built Environment.



2. JASPER VAN DE STAIJ

Associate Partner and Senior Solution Leader, McKinsey Energy Insights

Jasper has 10 years of consulting experience in renewable energy strategy and policy, energy modeling and company transformations. He leads the Global Energy Perspective Solution, which develops McKinsey's fundamental and granular outlook on energy demand across all sectors, fuels and countries until 2050. Jasper predominantly serves clients and investors across the energy, transport and heavy industry sector.

Prior to working at McKinsey, Jasper worked at renewable energy consultancy firm Ecofys, serving several international oil majors, utilities and chemical players on bioenergy sustainability and he helped shape and implement Europe's Renewable Energy Directive with the European Commission and some of the Member States. Jasper holds a Master's degree in Business-Society Management from the Rotterdam School of Management.



3. ANDRÉ FAAIJ

André Faaij is appointed as Director of Science of ECN part of TNO, the largest energy research organisation of the Netherlands, the merger between ECN (Energy Research Centre of the Netherlands) and the energy division of TNO the Netherlands Organisation for applied scientific research. He focuses on strategy, large research initiatives and collaboration with academia. He combines this position with a part time chair as Distinguished Professor Energy System Analysis at the University of Groningen (RUG).

Prior to this position he was Chief Scientist of the New Energy Coalition (including the Energy Academy Europe), Distinguished Professor at RUG and until 2014, he was appointed as Professor and scientific director of the Copernicus Institute for Sustainable Development of Utrecht University.

Current research covers in particular energy system integration questions, related scenario analysis and model development, transition processes towards low carbon energy systems and related innovation and policy questions, with specific attention for the role of biobased economy and CCS.

He worked and works as an advisor for governments, the EC, IEA, the UN system, GEF, OECD, WEF, WEC, the energy sector & industry and NGO's. He contributed to various IPCC reports, the World and Global Energy Assessment and IEA's World Energy Outlook. Furthermore, he was appointed Young Global Leader by the World Economic Forum, awarded the Linneborn Prize for outstanding contributions to the development of energy from biomass and as one of many scientists of the IPCC he was jointly awarded the Nobel Peace Prize.

He published over 600 titles in scientific journals, reports, books and proceedings, qualifies as 'highly cited researcher' (top 1% of research field) by criteria of Thomson Reuters ISI Web of Science and is frequently lecturing across the globe.



4. PIETERNEL LEVELT

Prof. dr. Pieter Levelt is Head of the R&D Satellite Observations department at KNMI, professor at the TU Delft and guest-professor at NUIST, Nanjing, China. She is Principal Investigator of the Ozone Monitoring Instrument (OMI), flying on NASA's EOS-Aura satellite, and scientific initiator of the TROPOMI instrument, launched on ESA's Sentinel-5 precursor in the EU Copernicus framework. She is member of the Mission Advisory Groups (MAG) at ESA for the EU Copernicus sentinel 4, 5 missions and chaired ESA's s5-precursor/TROPOMI MAG. She is further member of the International Ozone Commission (IO3C) and the International Global Atmospheric Chemistry Scientific Steering Committee ((IGAC SSC). She was visiting scientist at NCAR-ACD in Boulder, CO, USA in 1997 and 2018, and at NASA GSFC, Washington DC in 2007.



5. MENNO KLEINGELD

Menno Kleingeld is currently working as Managing Director for the newly founded VDL Enabling Transport Solutions (ETS) company since September 2015. VDL ETS is aimed to providing (technical) solutions for the e-mobility market for heavy duty transport (bus, truck, AGV) in the broad sense. Solutions include (amongst others) vehicle concepts (including prototype vehicles), e-mobility building blocks, charging infrastructure, alternative energy systems (hydrogen), energy storage, connectivity, software solutions and new business models.

Menno throughout his professional life, has been working in business environments facing technical and business model disruptions and has successfully managed these in various instances. His passion is to drive these from a customer, user and technical perspective and form teams to successfully storm these disruptions.

Previously, Menno has been working in various business and marketing positions in different Philips divisions. Prior to his current position, Menno occupied a number of international business management and marketing posts at Philips Lighting, Philips Business Electronics and Philips Semiconductors / NXP Semiconductors. In his last role as VP & GM Indoor Professional Lighting Solutions Europe, he was responsible for the transition from conventional to LED lighting in the professional luminaires business of Philips.

A Dutch national, Menno holds a master's degree in business administration from the Eindhoven University of Technology, the Netherlands. Menno Kleingeld was born in 1972; he is married and has 2 children.



6. ERIC MEULENKAMP

Eric Meulenkamp has held several scientist and R&D management positions at Philips Research in the Netherlands and the USA. In 2013, he joined the OLED lighting business unit as development manager, and became Managing Director after its divestment and acquisition by OLEDWorks. He joined TNO-Holst Centre in 2017, and currently directs its ALD, battery, OLED and imaging activities. Eric is also involved in shaping a Netherlands community in the field of batteries.



7. HENRY VAN DER MEER

Henry van der Meer is a chemical laboratory engineer. He has been working as a product and account manager in the Dutch process industry ever since 1984 and gained a lot of practical knowledge about this industry and the different technologies used.

He is 14 years working for Caldic, one of the biggest distributors in Europe in industrial chemicals and food ingredients. Caldic also has possibilities to physical manipulate chemicals. Because of the versatility of the product portfolio of Caldic and Henry's experience in this portfolio, they are a contribution to the different consortia in Heat storage projects.



8. OLAF ADAN

Principal Scientist TNO since 2010, Material Science and Technology. Since 2005, professor at the department of Applied Physics TU/e, heading the group Transport in Permeable Media.

In addition, since 2009 involved in the programming of the contractual Public Private Partnership with the EC in Energy Efficient Buildings, presently as a member of the Partnership Board.



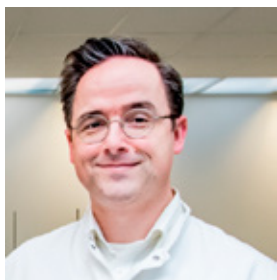
9. ROBERT CLAASEN

As the central point of contact for the 150 companies at Chemelot and its surroundings, Robert Claasen, in the role of Executive Director Chemelot, has been taking the lead since February 2017 to realise the joint ambition of Europe's most safe, competitive and sustainable site, as described in the vision Chemelot 2025. Claasen studied Chemical Technology and has been working at various companies in project management, operations management and general management, of which 18 years in DSM. As Director Chemelot he is also taking the lead in the sustainability transition of Chemelot towards 2050.



10. MARTIJN DE GRAAFF

Martijn de Graaff is business development manager sustainable chemical industry at TNO, secretary applied research at Holland Chemistry and program director for the Shared Innovation Program VoltaChem. This program focuses on connecting the electricity, equipment, and chemical sector to develop and implement new technologies and business models with focus on using renewable energy for producing heat, hydrogen, and chemicals.



11. PASCAL BUSKENS

Pascal Buskens is an expert in colloids and interfaces. His main research interests are nanoparticle based optical materials for application in solar control glazing, photovoltaics and photocatalysis. He currently heads the TNO Early Research Program on Energy Conversion and Storage, and the 'Sustainable Buildings' program at Brightlands Materials Center. Pascal combines his position at TNO with a professorship at Hasselt University (BE).



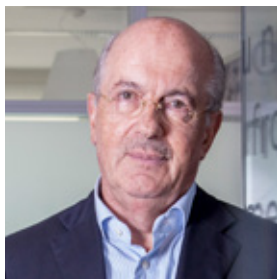
12. ARNOLD STOKKING

Arnold Stokking has made a corporate career at Philips. He has been specialized in new business development around high tech equipment and products of Philips, such as medical equipment, digital cameras, DVD and BluRay products as well as professional television applications. Arnold has lived and worked in 4 countries outside the Netherlands: being in Morocco, Kazakhstan, Japan and the Czech Republic. A special competence of Arnold is building cooperation's and alliances. Arnold has been the head of the Philips Corporate Alliance office.

Since 2009 Arnold moved from Philips to TNO and became responsible for applied research for the Industry segment within TNO. In this capacity he is involved in the HTSM, Chemistry, Space and Science Instrumentation and Smart Industry applications.

Next to TNO, Arnold is board member of the Brainport Development Foundation and the Steering Committee of the National Smart Industry Initiative.

Arnold has announced to leave TNO after 10 years of duty per 1st of July. Arnold expects to continue his work and passion in building innovative ecosystems in Public Private Partnerships from a new perspective.



13. EMMO MEIJER

Emmo Meijer (1951) volgde zijn opleiding Chemie in Amsterdam (Vrije Universiteit), alwaar hij in 1979 promoveerde. In hetzelfde jaar trad hij in dienst van DSM. In verschillende functies in research en business management speelde hij een belangrijke rol in de transformatie van DSM naar een meer life sciences georiënteerde firma. In 1997 werd hij directeur DSM Research en in 2001 volgde de benoeming tot eerste Chief Technology Officer van DSM. Vanaf begin 2005 was hij werkzaam voor Unilever als senior vice-president met aanvankelijk de wereldwijde verantwoordelijkheid voor Foods R&D, in 2008 uitgebreid naar Development voor alle businesses. In 2009 verschoof zijn werkterrein naar strategie, rapportierend aan de CEO. Sinds 1 april 2011 was hij in functie als Corporate Director R&D van FrieslandCampina, waar hij in 2014 zijn industriële carrière afsloot.

Daarnaast was hij ondermeer actief als voorzitter van NWO/Chemische Wetenschappen, vice-voorzitter DPI, voorzitter Suschem, voorzitter AcTI, lid adviesraad M2I, lid board Eurocase, voorzitter Energie Advies Commissie, voorzitter TKI Agri&Food, voorzitter TiFN en voorzitter Greenport Innovation Center.

Sinds 1985 is hij parttime hoogleraar (TUE), en thans ondermeer voorzitter RvT Universiteit Utrecht, lid van de RvB KU Leuven en voorzitter bestuurscomité LRD, raadslid AWTI, boegbeeld van de Topsector Chemie, directeur van de Koninklijke Hollandse Maatschappij der Wetenschappen, commissaris bij verschillende semi-publieke organisaties, boegbeeld BBE Limburg en voorzitter deskundigencie OP Zuid. Verder is hij betrokken als adviseur bij verschillende venture capital fondsen.

Sinds 2003 is hij erelid van de KNCV en in 2012 werd hem de Academiepenning van de KNAW toegekend. In 2015 werd hij benoemd tot officier in de orde van Oranje-Nassau.