

## Young KIVI Meetup



De eerste workshop van de dag is speciaal voor Young KIVI leden, de Young KIVI meetup. Hierin worden de resultaten besproken van de enquête "[KIVI, een meerwaarde voor jonge ingenieurs](#)" en presenteert het YKE bestuur kort de stand van zaken en zal er ruimte zijn om te

brainstormen over nieuwe projecten (na deze conferentie) die we op willen pakken. Een mooi moment om de mede young KIVI leden te leren kennen en betrokken te raken bij de activiteiten. En een mooie opwarmer voor de rest van de met workshops gevulde dag. Deze meetup is inbegrepen bij het kaartje.

[www.kivi.nl/yke](http://www.kivi.nl/yke)

## Eindhoven Medical Robotics

We are pleased to host Anupam Nayak, Founder and COO of Eindhoven Medical Robotics. The company EMR is relatively young, but builds on the results of decades of robotics and high precision engineering development in companies and the university in Eindhoven. EMR has high growth ambitions and aims to be a world leader with 1000+ team in next 10 years. The company has the ambition to introduce their robotic high tech into the world of 'medical craftsmanship'. Easing the sometimes back-breaking physical work of surgeons and providing them with super human powers at the same time. One of the first product expected to be launched is RoboSculpt, a robot that brings the precision and speed of CNC milling to the world of bone surgery. <http://www.emrobotics.com/>



# Eindhoven Medical Robotics

## Atos

Atos is a global leader in digital transformation with 120,000 employees in 73 countries and annual revenue of € 13 billion. European number one in Cloud, Cybersecurity and High-Performance Computing, the Group provides end-to-end Orchestrated Hybrid Cloud, Big Data, Business Applications and Digital Workplace solutions through its Digital Transformation Factory.

# Atos

With its cutting-edge technologies and industry knowledge, Atos supports the digital transformation of its clients across all business sectors, including the automotive industry!

During their session, Atos will present their work on the development of the Future of Connected Truck & Transportation. Giving you a glimpse of what the future of transportation might look like!

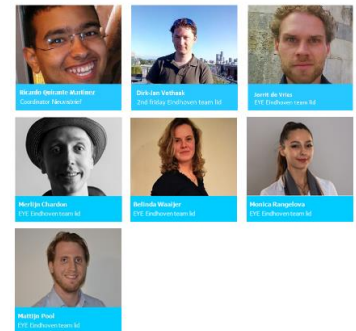
<https://atos.net/en/>

### Bestuursleden

Contact: mail naar [youngkivi@kivi.nl](mailto:youngkivi@kivi.nl)



### Actieve leden



## Solar team Eindhoven

Solar Team Eindhoven was founded in 2012 to participate in the World Solar Challenge, a race for solar powered cars between Darwin and Adelaide. They were one of the first teams to participate in the new 'cruiser class' which aims to stimulate the development of solar powered 'practical' family cars and managed to win in this class in all three WSC events since. Currently they are building their fourth generation vehicle, which was of course designed to win the race another time this autumn. Although they can't reveal their car design yet, their Technical Acquisition Manager Evan Quadvlieg will present the background story of their team and some of the technical challenges that they encounter. After this presentation, an interactive discussion is planned about the future of solar powered cars and the role that events like the World Solar Challenge can play in stimulating the development technologies that shape future societies.



<https://solarteameindhoven.nl/home/>

## Public policy EYE

Together we have the voice to change. During a highly interactive workshop session, the EYE Public Policy group wants to take the temperature on an up-to-date question regarding engineering professionals, the society or engineering solutions. The Workshop is an introduction to discussion, brainstorming and policymaking. After the workshop participants can continue working on the topic in an EYE Public Policy Working group, with the aim to produce a conference report or a whitepaper on the EYE website.



European Young Engineers

This session will:

- broaden your network
- gain insight and perspective from other countries, field of engineering and technologies
- give you a chance to share your experiences.

Together we will shape the Europe we want!

<https://www.eyengineers.eu/>

## **European Institute for Industrial Leadership** (effective networking)

Steve Price is a Chartered Engineer with a business education from Cranfield and Oxford universities. After 20 years in the chemical industry building new plants and new businesses on three continents, he has used the skills and networks he developed to create a unique not-for-profit industry association.



Established in 2003 the European Institute for Industrial Leadership (EiIL) helps member companies in the process, plastics and engineering sectors, to research issues likely to affect their future leadership. The EiIL has published fifteen industry-wide reports on issues ranging from 'The Shortage of Engineers' to 'Leading and Retaining the Connected Generation'. This research has been presented at more than 30 international conferences and feeds into programmes which help 'next generation leaders' develop the skills they'll require in their future workplace.

Steve has been an expert to the Consultative Committee for Industrial Change at the European Economic and Social Committee. For the last ten years he has also been a member of the advisory board of JADE the European Confederation of Junior Enterprises, and in 2018 was appointed to the advisory board of the Junior Enterprise Global Council.

<https://eiil.net/>

## **Broshuis industrie**

Starting in 1885, boasting more than 130 years' experience, Broshuis is one of the oldest manufacturer of semi-trailers for special transport and of container chassis. Broshuis is proud to remain a family company to this day. Broshuis is driven by innovation. Trailers from Broshuis consist of stable structures, are expertly assembled and are given a high-quality finish ensuring an extended service life. By combining reliable, standard components with innovative solutions, Broshuis creates trailers for every need.



During this session, Broshuis will discuss their technology and management style, providing insights into the dealings of one of the oldest manufacturing companies in the Netherlands.

<https://www.broshuis.com>

## **A. van de Groep**

A. van de Groep is a family owned business with a rich history in the fishing trade. Besides their original trade the company started to experiment with the production of green gas (biogas) from organic waste. This is not a new concept and has been used for decades in biomass digesters to produce green gas. The conventional way however usually relies on a fixed input source, like manure or corn. A. van de Groep has developed a system that produces green gas from almost any organic waste. With this method organic waste products, from food factories for example, no longer has to be send to a landfill or incinerator but can be used to heat homes instead.



## **A. van de Groep & Zonen**

In this workshop we will go through the differences between the traditional and new methods, their advantages and disadvantages.

<http://www.avandegroep.nl>

## **Council meeting**

EYE is governed by its Council, which is composed of two representatives from each member association. Between them they decide what the Task Force should focus on between conferences to expand and strengthen the EYE network. Currently their focus has been to formalise the structure of the organisation and help it raise vital funds to continue its work. The

Council meets twice a year (usually coinciding with the conferences held that year) in a European city hosted by the young members of one of the member associations.

<https://www.eyengineers.eu/>



## Lagerwey wind

Although Lagerwey is one of the smallest wind turbine developers in the world, it has designed world renowned solutions for making wind energy cheaper and more reliable. The ambition for Lagerwey is to engineer and construct wind turbines with less parts (cheaper and less wear and tear) while improving performance and reliability. Installing wind turbines is also a point of attention as over time the best locations for wind energy are becoming less available. Therefore less obvious locations such as sites in forests or on dikes are next in line. Constructing wind turbines on those kind of delicate sites requires creative and smart solutions such as the modular steel tower and the climbing crane. Curious about these and other challenges we are facing? Join Cees van Rekum, Manager R&D at Lagerwey, in his presentation on Challenges in wind energy.



[www.lagerwey.nl](http://www.lagerwey.nl)

## VersionBay

VersionBay is a young start-up, assisting companies to update to the latest software versions of Matlab, without risking loss of valuable Matlab scripts due to compatibility issues. Apart from telling the story behind their service, VersionBay will also elaborate on the process of setting up such a start-up, combining technical skills with commercial insights.



The numerical computing environment Matlab was -commercially- launched in 1984 and has evolved into a major calculation and simulation tool for many high tech applications, both in commercial companies and by academics worldwide. However, the founders of VersionBay discovered that many companies are hesitant to update Matlab to the latest version, fearing compatibility issues with their valuable Matlab scripts. Therefore, they recently founded VersionBay, aiming to assist companies in the process of updating to the newest version, ensuring that all scripts remain working flawlessly and allowing engineers to work with the newest features that Matlab has to offer. After presenting the story behind the specific VersionBay services, the workshop moves to the more general topic of setting up such a start-up. Which valuable lessons were learned that may help you turn from an entrepreneurially oriented engineer into an engineering entrepreneur?

[www.versionbay.com](http://www.versionbay.com)