

WIRED UP FOR THE GIGABIT EXPERIENCE



TNO innovation
for life

GETTING GIGABIT TO THE FRONT DOOR AND BEYOND

TNO's Ultra-fast Broadband seminar 2017 demonstrated that gigabit access is possible! Several access technologies such as g.fast, MoCA and GPON are available to deploy ultra-fast broadband. And the evolution of hybrid fiber-copper networks does not end there, as the industry starts its endeavour into multi gigabit fast, continues standardisation of interoperable PON variants and even envisions terabit DSL.

To make Ultra-fast broadband a reality for the masses, we should take into account non-technical factors. For instance we discussed the challenge of widespread availability of ultrafast broadband in rural areas, as well as what some refer to as the 'danger of overregulating' access, and of course opportunities to reduce

cost of deployment for high speed networks.

Finally, once gigabit access speeds are available at your front door, operators face the challenge to bring a gigabit experience in consumers' homes. Whether the solution is convergence in-home gateway software, autonomous customer care of SDN-enhanced Wi-Fi, time will tell – and we'll for sure have enough to discuss next year!

FACTS AND FIGURES

- More than 100 participants discussed the future of Ultra-fast broadband in The Hague from 12 to 15 June 2017.
- Active contributions from over 10 operators and regulators.
- Participants gave our event a rating of 8,5 on a scale from 1 to 10.

NEWSWORTHY AND ENGAGING

- The broadband forum chose our event to announce G.fast Interop Certification and the launch of the G.fast Council. For more info see www.broadband-forum.org/what-s-happening/news/newsroom.
- The social event at the Knight's Hall and the Dutch houses of parliament offered an excellent setting for informal networking.
- Lively demonstration sessions create a platform to make innovations tangible and connect the industry.
- In TNO's Access Lab we demonstrated how to achieve high quality HTTP video streaming over DSL networks.

VIDEO IMPRESSION

Aftermovie available on www.ultrafast-broadband.nl/

SPONSORS



A YEARLY UPDATE ON ACCESS TECHNOLOGY EVOLUTION AND OPERATOR DEPLOYMENT STATUS.

Koen Berteloot, Manager Access Technology Engineering – Proximus

SPONSORS

AVM, ADTRAN, Den Haag, EXFO, Intel, LEA, MoCA, NOKIA, SoftAtHome, VoltServer

NEXT BROADBAND SEMINAR

See you next year for the 10th edition Ultra-fast Broadband Seminar 2018 19-20-21 June 2018, The Hague, The Netherlands

HISTORY

About the UFBB seminar: The UFBB seminar originated from the DSL seminar with its first edition in 2009 and is therefore to our knowledge the longest running conference with such a strong focus on DSL. We have since 2011 added a full day on policy and regulation and since 2015 merged it with our broadband home seminar.

ABOUT TNO AND THE UFBB

The Ultra-fast Broadband seminar offers a platform to create innovation: At this event the right people from market-leading companies connect and share

in-depth technical knowledge. In this way the challenges and solutions relating to Ultra-fast Broadband are shared amongst the broadband community.

Innovation in Ultra-fast Broadband is crucial to allow end-users access to the next generation Internet. New services and possibilities are emerging that will benefit the society as a whole. The growing use of these services will fuel the need for Ultra-fast Broadband access with increasing bandwidths, lower latency and higher reliability. Innovation is key to meet these demanding requirements.

At TNO we believe that innovation is created by connecting people and knowledge. Apart from hosting the UFBB seminar, TNO heavily contributed with five presentations on key topics: Demand and supply of digital connectivity beyond 2020, Field performance of bonded vectored VDSL2 and VDSL2/35b, Integration of 5G with residential access, SDN-based coordination of Wi-Fi and The performance benefits of Wi-Fi coordination.

GOOD TECHNICAL LEVEL WITH GOOD OPPORTUNITY FOR NETWORKING

Uwe Schmidtke, Adtran

Co-hosted by the Broadband Forum



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TNO's Ultra-fast Broadband seminar is organised by TNO and co-hosted by the Broadband Forum

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