

## Innovatietafelsessie Duurzame Netwerktechnologie

Locatie; de innovatiemarkt

Tijd: 13.00 - 13.50 uur

Tafelvoorzitter: Ing. Fred Snijders, Philips Research

Onderwerpen die besproken worden tijdens de innovatietafelsessie duurzame netwerktechnologie zijn onder meer:

- Duurzame software (software die technologische stappen overleeft)
- Operating Systems die rekening houden met energiezuinigheid bij het alloceren van taken
- Energy scavenging door ICT apparaten (bijvoorbeeld sensoren)
- Adaptief sturen en bundelen van radiosignalen voor energiereductie
- Virtuele desktop (netwerkcomputer). Energiezuinige computer die intelligentie uit het netwerk haalt.

Discussieer met deskundigen van onder andere Philips research, Technische universiteit Eindhoven, TI-WMC en Technische Universiteit Delft.

Wilt u meer weten over bijvoorbeeld energy scavenging, heeft u zelf een uitdagend onderwerp op het terrein van Duurzame netwerktechnologie, of gaat u graag de discussie aan op een van voormelde onderwerpen, neem dan deel aan deze innovatietafelsessie.

### CV Fred Snijders

**W.A.M. (Fred) Snijders** (1944) received his degree in electrical engineering (with distinction) at the School of Technology, The Hague, The Netherlands, in 1963. He worked at Philips Research Laboratories from 1963 to 1969 in the fields of embedded synchronization, channel coding, and speech scrambling. After a short side-leap as product manager for medical diagnostic equipment at Vitatron (Dieren, The Netherlands), he rejoined the Philips Research Laboratories in 1970. Successively he was engaged as system designer in the fields of data transmission, digital signal processing, equalization, and adaptive echo cancellation. During the 1980s, he became project leader at the Philips Project Center at Geldrop for prototyping projects on optical local area networks (PHILAN), smart card applications (SCORE), high-definition electronic still photography (ESP) and optical data disc (ODD). In 1991 he transferred to the optical Wideband Communications group to define a research program on access network technology. From 1993-2002 he has been Group Leader of the "Broadband Communication Systems" group of Philips Research Eindhoven with a strong focus on "ubiquitous communication" in the context of the Philips "Ambient Intelligence" concept. Since 2002 he has been member of the program committees of the Dutch Innovation Stimulation Programs "Freeband" and "IOP Generic Communication" and is member of the core team of the ICT Innovation Platform "Duurzame ICT". Fred authored and co-authored more than 35 technical and archeological publications, holds 29 U.S. patents and five recent patent applications.

