A. P. H. J. Schenning

Albert Schenning

Date of birth:	October 31, 1966
Position:	Associate Professor at Eindhoven University of Technology (The Netherlands)
Education:	1986–1992 Undergraduate degree, Radboud University of Nijmegen (The Netherlands) 1992–1996 PhD with Roeland Nolte, Radboud University of Nijmegen 1996 Postdoc with Bert Meijer, Eindhoven University of Technology 1997 Postdoc with François Diederich, ETH Zürich (Switzerland) 1998–2002 Royal Netherlands Academy of Science fellow, Eindhoven University of Technology
Awards:	**2004** European Young Investigators Award from the European Heads of Research Councils and the European Science Foundation, **2005** Golden medal of the Royal Dutch Chemical Society, **2007** Vici grant from the Netherlands Organisation for Scientific Research (NWO)
Current research interests:	Self-assembled π-conjugated systems and responsive materials
Hobbies:	Reading, science, and sports

*The author presented on this page has recently published his **10th article** since 2000 in Angewandte Chemie:* "Dilution-Induced Self-Assembly of Porphyrin Aggregates: A Consequence of Coupled Equilibria": F. Helmich, C. C. Lee, M. M. L. Nieuwenhuizen, J. C. Gielen, P. C. M. Christianen, A. Larsen, G. Fytas, P. E. L. G. Leclère, A. P. H. J. Schenning, E. W. Meijer, *Angew. Chem.* **2010**, *122*, 4031 – 4034; *Angew. Chem. Int. Ed.* **2010**, *49*, 3939 – 3942.

The part of my job that I enjoy the most is … to motivate, support, and educate young people.

The biggest problem that scientists face is … to show the importance and beauty of science.

My favorite subject at school was … science.

When I wake up I … like to have a cup of coffee.

The most significant scientific advance of the last 100 years has been … the discovery of the molecular structure of DNA.

Chemistry is fun because … it gives the possibility to synthesize new molecules that can be used to make novel materials and devices.

My biggest inspirations are … creative people.

My biggest motivation is … to do something unique that inspires and motivates.

My favorite food is … Snert (Dutch split-pea soup).

My favorite book is … "The Ancestor's Tale: A Pilgrimage to the Dawn of Evolution" by Richard Dawkins.

The biggest challenge facing chemists is … to solve modern society problems in areas such as energy, environment, and health.

My 5 top papers:

1. "Novel Bimetallic Model System for Cytochrome P450: Effect of Membrane Environment on the Catalytic Oxidation": A. P. H. J. Schenning, D. H. W. Hubert, J. H. van Esch, M. C. Feiters, R. J. M. Nolte, *Angew. Chem.* **1994**, *106*, 2587 – 2588; *Angew. Chem. Int. Ed. Engl.* **1994**, *33*, 2468 – 2470.
2. "Amphiphilic Dendrimers as Building Blocks in Supramolecular Assemblies": A. P. H. J. Schenning, C. Elissen-Román, J. W. Weener, M. W. P. L. Baars, S. J. van Gaast, E. W. Meijer, *J. Am. Chem. Soc.* **1998**, *120*, 8199 – 8208.
3. "Insulated Molecular Wires: Dendritic Encapsulation of Poly(triacetylene) Oligomers, Attempted Dendritic Stabilization of Novel Poly(pentaacetylene) Oligomers, and an Organometallic Approach to Dendritic Rods": A. P. H. J. Schenning, J. D. Arndt, M. Ito, A. Stoddart, M. Schreiber, P. Siemsen, R. E. Martin, C. Boudon, J. P. Gisselbrecht, M. Gross, V. Gramlich, F. Diederich, *Helv. Chim. Acta* **2001**, *84*, 296 – 334.
4. "Probing the Solvent-Assisted Nucleation Pathway in Chemical Self-Assembly": P. Jonkheijm, P. van der Schoot, A. P. H. J. Schenning, E. W. Meijer, *Science* **2006**, *313*, 80 – 83.
5. "Insights into Templated Supramolecular Polymerization: Binding of Naphthalene Derivatives to ssDNA Templates of Different Lengths": P. G. A. Janssen, S. Jabbari-Farouji, M. Surin, X. Vila, J. C. Gielen, T. F. A. de Greef, M. R. J. Vos, P. H. H. Bomans, N. A. J. M. Sommerdijk, P. C. M. Christianen, P. E. L. G. Leclère, R. Lazzaroni, P. van der Schoot, E. W. Meijer, A. P. H. J. Schenning, *J. Am. Chem. Soc.* **2009**, *131*, 1222 – 1231.

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