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## Huub Maas

### Chemistry

European and Dutch Patent Attorney

*Partner*

Huub Maas started at V.O. in 2005. Prior to working in the patent field, he performed fundamental research in academic positions. After having finished his studies of molecular sciences at Wageningen University in 1999, he moved to Switzerland for a PhD. He finished his PhD in physical chemistry at the University of Berne in 2003. After having held a postdoc position at the University of Amsterdam, he joined V.O.

His technical expertise is generally in the field of physical chemistry, and more particularly photochemistry, surface chemistry, coatings, polymer chemistry and nanotechnology. His clients range from medium size enterprises to multinational companies. Huub is also engaged as a tutor in training candidate European patent attorneys.

### Working experience

- Patent Attorney, V.O. (2005-present)
- Postdoc, University of Amsterdam (2004)

### Education

- PhD in Physical Chemistry, University of Berne, Switzerland (2003)
- MSc in Molecular Sciences, Wageningen University (1999)

### Publications

- P. Sierocki, H.P.A. Maas, P. Dragut, G. Richardt, F. Vögtle, L. De Cola, F.A.M., Brouwer, J.I. Zink, "Photoisomerization of Azobenzene Derivatives in Nanostructured Silica" *J. Phys. Chem. B* 2006, 110, 24390-24398.
- M. Poprawa-Smoluch, J. Baggermann, H. Zhang, H.P.A. Maas, L. De Cola, M. Brouwer, "Photoisomerization of Disperse Red 1 Studied with Transient Absorption Spectroscopy and Quantum Chemical Calculations" *J. Phys. Chem. A* 2006, 110, 11926-11937.
- H. Maas, G. Calzaferri, "Constructing Dye-Zeolite Photonic Nanodevices" *The Spectrum* 2003, 16, 18-24.
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- H. Maas, S. Huber, A. Khatyr, M. Pfenniger, M. Meyer, G. Calzaferri, "Organic-Inorganic Composites as Photonic Antenna" in *Molecular and Supramolecular Photochemistry, Vol. 9* (Eds.: V. Ramamurthy, K.S. Schanze), Marcel Dekker, Inc. 2003, 309-351.
- Khatyr, H. Maas, G. Calzaferri, "Synthesis of New Molecules Containing Head, Spacer and Label Moieties" *J. Org. Chem.* 2002, 67, 6705-6710.

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- M. Pauchard, S. Huber, R. Méallet-Renault, H. Maas, R. Pansu, G. Calzaferri, "Time- and Space-Resolved Luminescence of a Photonic Dye-Zeolite Antenna" *Angew. Chem. Int. Ed.* 2001, 40, 2839-2842.
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- A.B. Sieval, R. Opitz, H.P.A. Maas, M.G. Schoeman, G. Meijer, F.J. Vergeldt, H. Zuilhof, E.J.R. Sudhölter, "Monolayers of 1-Alkynes on the H-Terminated Si(100) Surface" *Langmuir*, 2000, 16, 10359-10368

## Languages

- English
- Dutch
- German