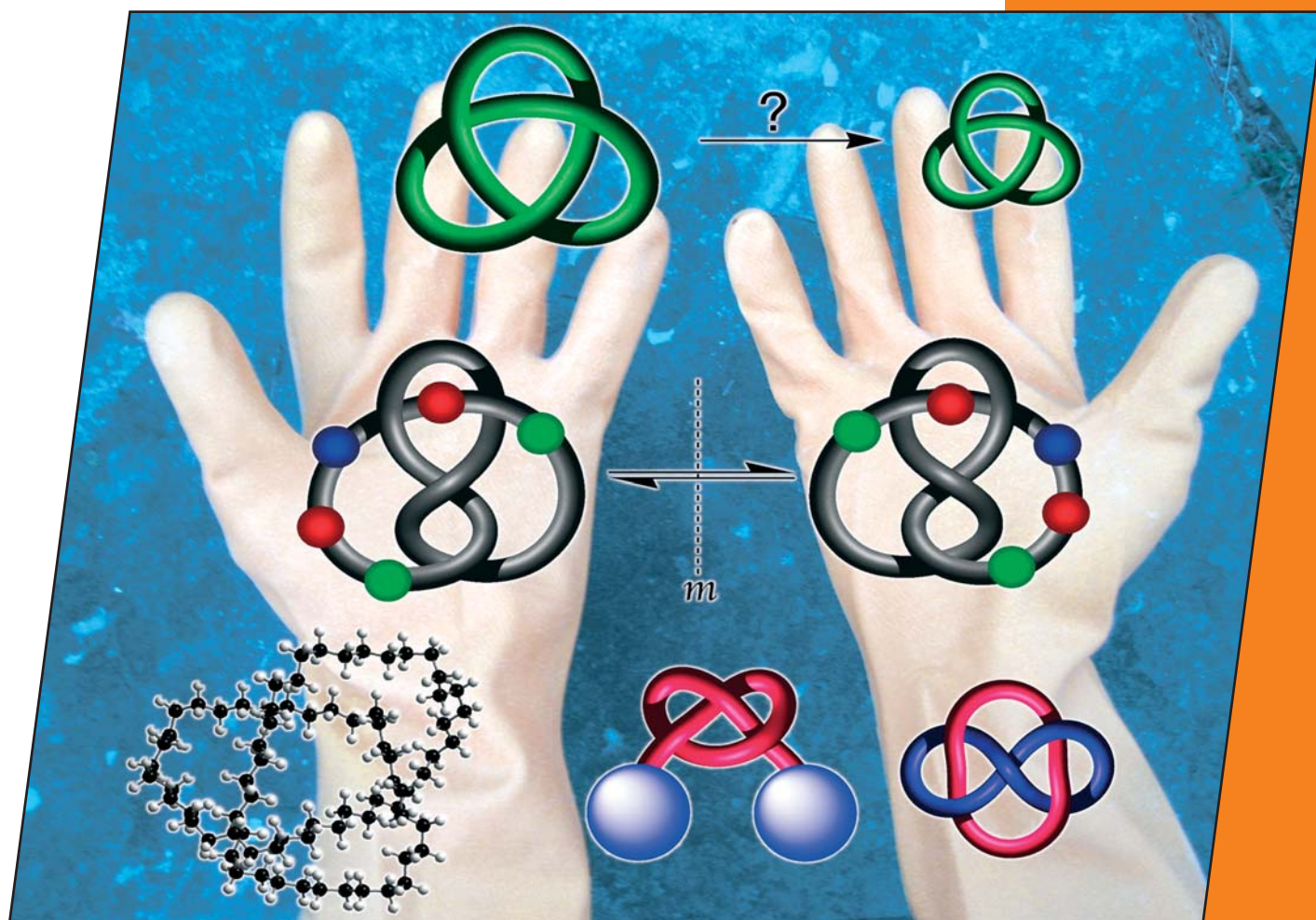


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Cover Picture/Microreview

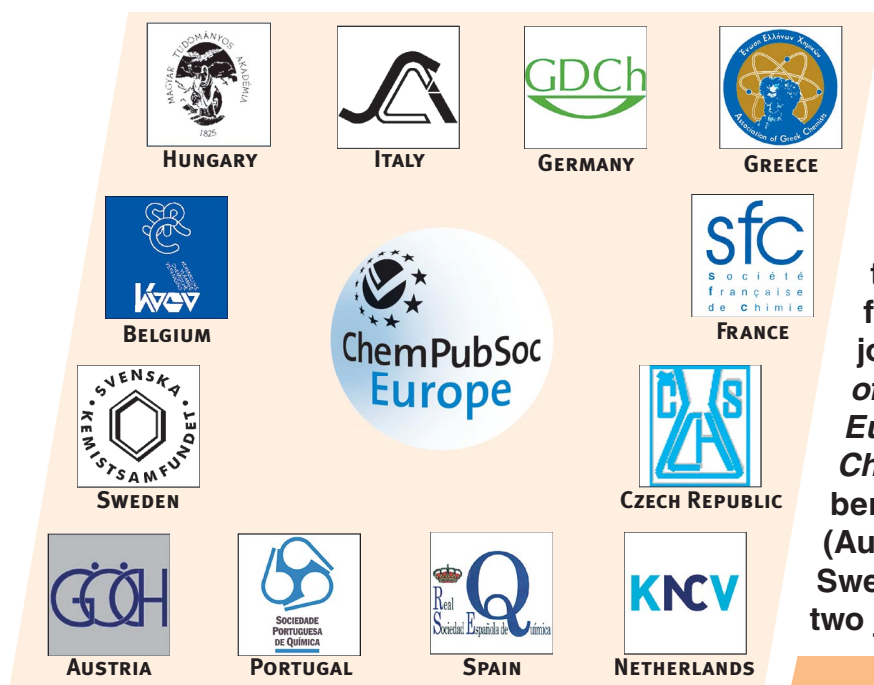
Edward E. Fenlon

Open Problems in Chemical Topology

WILEY-VCH

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A union formed by chemical societies in Europe (ChemPubSoc Europe) has taken the significant step into the future by merging their traditional journals, to form two leading chemistry journals, the *European Journal of Inorganic Chemistry* and the *European Journal of Organic Chemistry*. Three further members of ChemPubSoc Europe (Austria, Czech Republic and Sweden) are Associates of the two journals.

COVER PICTURE

The cover picture shows a scheme depicting the open problem of the lower size limit for molecular knots. It also shows enantiomorphous conformations of a topological rubber glove – the colored figure eight knot. It is unknown whether the enantiomerization barrier for a topological rubber glove can be measured. A polyethylene trefoil knot, a trefoil rotaxaknot, and a Whitehead link are also shown. The syntheses of these topologically interesting compounds remain open problems. Details are presented in the Microreview by E. E. Fenlon on p. 5023 ff. The photograph of the rubber gloves was taken by Ethan S. Fenlon. Matt Watson is thanked for helping with the graphic of the polyethylene knot.

