



International School of Physics "E. Fermi"

***“Water: fundamentals as the basis for understanding the environment and promoting technology”***

**Varenna (Como, Italy)  
July 7<sup>th</sup> -13<sup>th</sup>, 2013**

**Directors: Pablo G. Debenedetti & Maria Antonietta Ricci**

**Lecturers:**

<i>C. Austen Angell (Arizona State University, USA)</i>	Water in relation to other liquids
<i>B. Berne (Columbia U., USA)</i>	Biological water
<i>F. Bruni (Universita' degli Studi Roma Tre, Italy)</i>	Local environment of water protons
<i>G. Galli (University of California, Davis, USA)</i>	Ab-initio simulations of water
<i>S. Garde (Rensselaer Polytechnic U., USA)</i>	Hydrophobicity
<i>T. Koop (Bielefeld University, Germany)</i>	Atmospheric water
<i>T. Loerting (University of Innsbruck, Austria)</i>	Amorphous solid phases of water
<i>F. Mallamace (Universita' degli Studi di Messina, Italy)</i>	NMR studies of water
<i>V. Molinero (University of Utah, USA)</i>	Minimalist models of water
<i>A. Nilsson (Stanford University, USA)</i>	Spectroscopic studies of water
<i>P. Rossky (University of Texas at Austin, USA)</i>	Nanoscale hydration
<i>R. Saykally (UC Berkeley, USA)</i>	Water at interfaces
<i>A. K. Soper (STFC, UK)</i>	The structure of liquid water
<i>H. E. Stanley (Boston University, USA)</i>	Supercooled water

The School, established in 1953 to promote training of young researchers through lectures and informal meetings with senior scientists, is organized by the Italian Physical Society (SIF), in the beautiful site of Villa Monastero, on the shore of Lake Como, in Varenna, Italy. Information about previous Fermi schools and the school site is available at:

[http://en.sif.it/activities/fermi\\_school/mmxii](http://en.sif.it/activities/fermi_school/mmxii).