

The complexity of the liquid state and the large differences between our simple models and the actual solutions of molecules of a variety of sizes, shapes and force fields leaves ample room for further study.

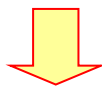
The entire history of chemistry bears witness to the extraordinary importance of the phenomena of **solubility**.

**Joel H. Hildebrand and Robert L. Scott**

*The Solubility of Nonelectrolytes*  
3<sup>rd</sup> edition, Reinhold, New York, 1950



**Cutting-edge topical books** supported by **IUPAC** and **IACT**  
**(International Association of Chemical Thermodynamics,**  
successor of IUPAC Commission I.2)



- (1) *HEAT CAPACITIES: Liquids, Solutions and Vapours* (2010)**
- (2) *VOLUME PROPERTIES: Liquids, Solutions and Vapours* (2015)**
- (3) *ENTHALPY AND INTERNAL ENERGY: Liquids, Solutions and Vapours* (2018)**

Editors: **Emmerich Wilhelm**  
University of Wien, Institute of Materials Chemistry & Research  
/Institute of Physical Chemistry, Wien (Vienna), Austria

**Trevor M. Letcher**  
University of KwaZulu-Natal, Durban, South Africa

Publisher: **Royal Society of Chemistry, Cambridge, UK.**