

## **General Theme 4**

### **4.1**

A special session in honor of Professor Jan Veizer who is the Distinguished University Professor (emeritus) of Earth Sciences at the University of Ottawa and Institute for Geology, Mineralogy und Geophysics, of Ruhr University (Bochum, Germany). Professor Veizer authored and co-authored hundreds of papers with over 17,000 citations worldwide on all aspects of carbonate geochemistry. He was recipient of numerous medals and awards throughout its prestigious career.

Primary marine carbonates retain their geochemical composition in equilibrium with the ambient seawater, which is the cornerstone in the valuation of degree of diagenesis and reconstruction of paleoenvironmental conditions that dominated during the Earth's geologic history.

We will welcome contributions on all aspects of carbonate geochemistry and evolution of the diagenetic tracers in time, depth and space, from conventional stable, to new metal and radiogenic isotopes, from major to rare-earth elements. Papers integrating all aspects and tools of diagenetic studies are definitively sought especially those papers like many of Professor Veizer that have global and fundamental impacts on how we understand Earth's global system.