

2011 MSA DISTINGUISHED PUBLIC SERVICE MEDAL TO JOLYON RALPH



Jolyon Paul Ralph, Coulsdon, Surrey, United Kingdom, received the 2011 Distinguished Public Service Medal at the Tucson Gem and Mineral Show, February 12, 2011. Jolyon Ralph is recognized for founding and developing the free, web-based database known as Mindat (www.mindat.org). Mindat is a comprehensive and up-to-date database listing all known mineral species, along with physical and chemical data, references, and photographs. Mindat

features links to mineral-related commercial and noncommercial sites, a real-time chat room, and discussion boards. The global popularity of Mindat is highlighted by the presence of 8 forums in other languages. The authority of Mindat rests on the fact that it encourages the substantiation of all data by references. Mindat is now managing the IMA list of minerals and will become its official website for that purpose.

Jolyon has used his skills and enthusiasm and has harnessed those of experienced volunteers working as contributors and managers to create a website that is freely accessible, up-to-date, and authoritative. Jolyon has devised a wonderful way to contribute to the vitality of the mineralogical sciences.

2011 PINCH MEDAL TO ALF OLAV LARSEN



Alf Olav Larsen, of Stathelle, Norway, has been awarded the 2011 Pinch Medal by the Mineralogical Association of Canada for his immense and sustained contributions to mineralogy over several decades. Awarded biannually since 2001, the Pinch Medal recognizes major and sustained contributions to the advancement of mineralogy by members of the collector-dealer community.

An electronic engineer by profession, Alf Olav Larsen is a self-taught mineralogist who has been involved in the description of six new mineral species (gadolinite-Ce, chiavennite, tvedalite, grenmarite, heulandite-Ba, and eirikite) and has cooperated with many professional mineralogists and amateurs from several countries. His main interest is the mineralogy of alkaline provinces, with a focus on the Langesunds fjord nepheline syenite pegmatites (the Larvik Plutonic Complex). He is an author or coauthor of over 75 publications in the scientific and popular literature on a great variety of topics related to mineralogy, and he has recently published the book *The Langesunds fjord – History, Geology, Pegmatites, Minerals*. The mineral allarsenite is named after him. He maintains a website on the Langesunds fjord area.

AGU FELLOWS

Among the 58 scientists elected as Fellows of the American Geophysical Union in 2010, the following have a primary or secondary affiliation with the Volcanology, Geochemistry, and Petrology Division or are members of one of *Elements'* participating societies.



RICHARD J. ARCULUS
For a career of research, insights, and inspiration into the workings of subduction zones



YINGWEI FEI
For his pioneering work in high-pressure mineral physics, rock physics, geochemistry, and petrology of the interiors of Earth and Mars



BRADLEY R. HACKER
For his work on metamorphic petrology and geochronology in ultrahigh-pressure metamorphic rocks



LOUISE H. KELLOGG
For her contributions to the understanding of mantle dynamics



HANS KEPPLER
For his research on the physical and chemical properties of fluids, melts, and minerals, and their interactions in the Earth's mantle



KEVIN D. McKEEGAN
For his contributions to our understanding of the chronology, provenance, and evolution of early Solar System materials



STEVE MACKWELL
For pioneering contributions to the understanding of the tectonics and geodynamics of terrestrial planets through skillfully designed laboratory experiments



SCOTT M. McLENNAN
For seminal contributions to our understanding of crustal composition and evolution on Earth and Mars



STEVEN B. SHIREY
For advancing understanding of the subcontinental lithospheric mantle and for developing the Re-Os system as a geochemical and geochronological tool



DOMINIQUE WEIS
For the elegance, precision, and impact of her geochemical studies of the Earth, from large igneous provinces to the environment



KEN CALDEIRA
For pioneering contributions to the science of climate, the carbon cycle, ocean acidification, the global energy system, and climate intervention