



EDITORIAL

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Following the first Asia Pacific Luminescence and Electron Spin Resonance Dating (APLED) Conference held in 2006 in Hongkong, the second meeting was held in 2009 at Physical Research Laboratory, Ahmedabad, India. These meetings aimed to provide opportunities for exchange of the ideas on application of the luminescence and electron spin resonance dating methods to workers from the Asia Pacific region and to encourage the participation of young students. The third Asia Pacific Conference on Luminescence and Electron Spin Resonance Dating (APLED-3) including non-dating applications was held at Okayama University of Science, Okayama, Japan, on Nov. 18-21, 2012. A total of 76 researchers attended this conference from Australia, Canada, China, Denmark, France, Germany, India, Korea, Malaysia, Poland, Turkey, and Japan. We had 33 oral and 36 poster presentations, and one key note lecture by Dr. Yusuke Yokoyama entitled “Quaternary Geochronology reveals close relations between climate and sea level”. Among them, four invited oral presentations were given by young eminent workers on Post-IR IR protocols, OSL dating of surface, ESR dating of tooth enamel pieces, and OSL dating of Chinese loess. The contributed presentations covered fundamental works of luminescence, improvement of the protocols, applications of OSL dating techniques, quartz ESR dating of river sediments and tephra,

and also new non-dating applications, such as applications to sediment provenance. Cathodoluminescence, which is new to this series of conferences, was also shown to be potentially useful to dating applications. As a whole, the presentations in the meeting were in a good combination of various aspects of methodology, physics and applications. All submitted abstracts have been published in the 29th volume of *Advances in ESR applications* in 2012. The present volume comprises a selection of papers submitted, which have successfully gone through the standard peer review process of *Geochronometria*. The next meeting will be held in Australia organized by Prof. R. Grün during 2015.

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