

# LED Society

## STEERING COMMITTEE ELECTION

### Candidate application form

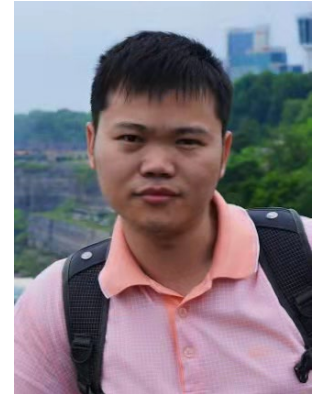
**Title:** Professor

**Name:** Bo

**Surname:** Li

**Affiliation:** University of Wollongong, Australia

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**Select the position you are applying for:**

**President**

**Young researcher** (PhD degree awarded on [Click or tap to enter a date.](#))

**Ordinary member**

#### **Biography:**

My luminescence journey started in 2003, when I started my PhD study at the University of Hong Kong (HKU) working with Sheng-Hua Li. I obtained my PhD degree in 2007, followed by my first post-doctoral position at HKU for 4 years (2007 – 2011). In 2012, I moved to Australia and started my second post-doctoral career by joining the luminescence dating group led by Richard Roberts and Zenobia Jacobs at the University of Wollongong (UOW). I was first funded by the Vice-Chancellor's Post-doctoral Fellowship by UOW (for 3 years), and then awarded a 4-years Future Fellowship in 2014 by the Australia Research Council. In 2018, I got the tenure position as an Associate Professor at the UOW. I was recently promoted to Professor (in 2022).

My research has been focussed on studying the luminescence behaviour of quartz and feldspar, the development of new methodologies for luminescence dating and their application to date key geologic and archaeological events. I made remarkable achievements in methodological development of luminescence dating that contribute to improving the reliability, precision and range of luminescence dating. In particular, I have been leading the chronological work for several iconic archaeological and fossil sites, including the type localities of the enigmatic

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'Denisovans' and Homo floresiensis, which are crucial for understanding the history of human evolution. At the time of writing, I have published more than 100 peer-reviewed journal articles, one book and two edited books, of which I am the lead author of around 40%.

I have been serving the LED community in several ways. I am on the Editorial Board of the journal Quaternary Geochronology and the Associate Editor of the journal Frontiers in Earth Science. I have acted as a peer reviewer for more than a dozen high-impact journals and for other international funding bodies. I have also played an active role on various LED conference organising committees. I have been on the Scientific Advisory Committee for the several triennial international luminescence dating conferences. I am also a member of the working group to set up the International Trapped Charge Dating Association.

**Motivation:** *(Please describe your vision for the LED Society, the contribution you would like to make, etc.)*

I recognise the LED society to be an equitable, diverse, and inclusive community. The society should be welcoming and supportive of all members and students and commit to an ongoing culture of improvement. Its value needs to be broadly agreed upon, widely upheld and incorporated in decision-making processes. All the processes and procedures should be applied openly and consistently across the community. All members should have a voice in the society and feel like their voice is heard. I think there are several pressing tasks for the first steering committee that I would like to contribute to: 1) implement the legal registration and financial position of the society; 2) draft and formalise the vision, mission and duty of the society; 3) promote the visibility and recognition of the society globally; 4) improve and standardise the quality of dating practice, including establishing calibration standards, data reporting standards and inter-lab comparison initiatives; 5) serve the common interests, hear the voice and facilitate the needs from the people in LED community; 6) provide technical supports to students, new students and new laboratories, and explore financial supports from outside the society to help our members; 7) initiate systematic comparison with other dating techniques.