

Distinguished Visiting Fellow Report Professor Nik Kasabov

Proposers should write a short (approx. 300 word) report on the visit. This should entail the activities undertaken, the links/collaborations that have been created and/or enhanced and, importantly, activities or actions which are planned as a result. Payment may not be made until this has been received. Submit it by email to admin@sicsa.ac.uk

Proposer: Professor Chrisina Jayne

Email address: c.p.jayne@rgu.ac.uk

Institution: Robert Gordon University

Additional proposer(s) (Name and Institution only): Professor Wamberto Vasconcelos

Proposed Academic Visitor: Professor Nik Kasabov, FIEEE, FRSNZ

Home Institution: Director and Founder, Knowledge Engineering and Discovery Research Institute (KEDRI), Chair of Knowledge Engineering, Auckland University of Technology, New Zealand

Proposed visit dates: 29.08.2016 – 5.09.2016

SICSA research theme(s) this visit is applicable to: Modelling & Abstraction.

Short biography of the visitor:

Professor Nikola Kasabov is the Director of the Knowledge Engineering & Discovery Research Institute and Personal Chair of Knowledge Engineering in the School of Engineering, Computer and Mathematical Sciences, Auckland University of Technology, New Zealand.

He has published over 600 works, among them 180 journal papers, 12 books and monographs, conference papers, 28 patents in the area of intelligent systems, connectionist and hybrid connectionist systems, bio-/neuroinformatics, neurocomputing and neural networks. These works have been cited more than 10,000 times. Prof. Kasabov has led 12 international projects funded by EU FP7, Japan, China, New Zealand. He has an extensive academic experience in New Zealand and internationally, e.g.: University of Essex, UK; Marie Curie Visiting Professor ETH Zurich; DAAD Professor Germany; Advisory Professor Shanghai Jiao Tong University; Visiting Professor U. Trento – Italy; Associate Professor TU Sofia.

Prof. Kasabov is a Fellow of IEEE, Fellow of the Royal Society of New Zealand, DVF of the Royal Academy of Engineering UK (2013), and Kasabov is Past President and Board member of the International Neural Network Society (INNS) and the Asia Pacific Neural Network Assembly (APNNA).

Activities undertaken during the visit including details such as topic; date; venue; type of activity:

Prof. Kasabov's visit to Scotland included the following activities:

- 1) Seminar at the UNI – College in Elgin (30/08/2016)
- 2) Meeting and discussions with staff members of the UHI in Elgin (30/08/2016).
- 3) Seminar at the University of Aberdeen – Computer science department (01/09/2016)
- 4) Meeting with PhD students and staff members of the University of Aberdeen to discuss possible collaboration in the future (01/09/2016).
- 5) A speech at the RGU in Aberdeen as the keynote at the EANN 2016 conference hosted by the RGU (2/09/2016).
- 6) Meetings with Masters-, PhD students and staff members at RGU to discuss their projects and potentials for a future collaboration (2,3,4/09/2016)

Links/collaborations that have been created and/or enhanced and activities or actions which are planned as a result:

International collaboration is a critical component for any university and providing nurturing environment for that to happen is very important. The benefits of international research collaboration include sharing knowledge, considering different angles in solving problems, accessing more resources, applying for grants and making the most of their input to research publications and outcomes. Professor Kasabov discussed the above issues with the RGU Pro-VC Research Prof. Paul Hagan and the Head of the Computer Science School in RGU Prof. Chrisina Jayne and also with colleagues from the UHI and the University of Aberdeen.