

LAUDATIO

on the awarding of the academic title of Doctor Honoris Causa
of the “Aurel Vlaicu” University of Arad
to Mr. Prof. LAKHMI CHAND JAIN

Dear Sir,

Mrs. Rector,

Your Excellencies,

Dear Members of the Senate,

Dear Colleagues,

Distinguished Guests,

Ladies and Gentlemen,

It is a great pleasure and also a great honor to hold this Laudatio at the occasion of the award of the title of Doctor Honoris Causa by the “Aurel Vlaicu” University of Arad to Professor Dr. Lakhmi C. Jain, distinguished professor of the University of Technology Sydney, Australia, of the Liverpool Hope University, Liverpool, UK, of the University of Canberra, Australia, Australia and Fellow of the Institution of Engineers, Australia.

This is a very special moment because the person who will receive this distinction is one of the leading figures of the world in the field of Electronics and Information Engineering.

Ladies and gentlemen, I’m now going to present the complex personality of Professor Lakhmi C. Jain, Teacher, Researcher and Editor.

Professor Lakhmi C. Jain is one of the founders of KES International, a world-wide organization whose mission is to provide the professional community involved in knowledge-intensive subjects with opportunities for publications, knowledge exchange, cooperation and research networking. The KES community consists of around 5,000 researchers, experts, scientists, academics, engineers, students and practitioners. KES people are passionate about the dissemination, transfer, sharing and brokerage of knowledge. KES facilitates international cooperation and generate synergy in teaching and research. KES regularly provides networking opportunities for professional community through one of the largest conferences of its kind in the area of KES.

His professional experience includes the following positions:

- Lecturer, Associate Professor, Professor, Acting Dean at the School of Electrical and Information Engineering, University of South Australia;
- Visiting Professor, Liverpool Hope University, Liverpool and Bournemouth University, United Kingdom;
- Adjunct Professor, University of Technology Sydney, Sydney, Australia.

Professor Lakhmi C. Jain's main research interests and activities are:

- Modelling, Design and Implementation of Knowledge-based Intelligent Information Systems;
- Automated Information System Design using conventional and computational intelligence techniques, including artificial neural nets, search techniques, approximate reasoning, machine learning and evolutionary computing paradigms;
- Intelligent agent learning, coordination, collaboration, teaming and web-based agents.

20 PhD completions under the supervision of Professor Lakhmi C. Jain between 2000-2019.

He provided 11 Keynote addresses during 2000-2019 in Australia, India, Russia, China, Italy, South Korea and Romania

Perhaps the most extraordinary activity of Professor Lakhmi C. Jain is that of editor. Here are some of such relevant examples:

- *Founding editor* of the International Journal of Knowledge-Based Intelligent Engineering Systems, IOS Press, The Netherlands, since 1997.
- *Founding Co-Editor in Chief* of Decision Technologies, IOS Press, The Netherlands, since 2007.
- *Associate Editor* of IEEE Transactions on Systems, Man and Cybernetics: Systems, USA. (2003-2014).
- *Associate Editor* and *Editor* for Brief Papers and Short Communications, Neurocomputing, An International Journal, Elsevier Science, The Netherlands (2000-2015).
- *Editorial Advisory Board Member* of IEEE Transactions on Fuzzy Systems, USA.

As a well-known and appreciated organizer for scientific events, Professor Lakhmi C. Jain served as *Conference Honorary Chair* for:

- 23rd International Conference on Knowledge Based and Intelligent information and Engineering Systems (KES 2019), Budapest, 4-6 September 2019.
- 22nd International Conference on Knowledge Based and Intelligent information and Engineering Systems (KES 2018), Belgrade, Serbia, 3-5 September 2018.
- 10th International Conference on Intelligent Decision Technologies (IDT-18), 20-22 June 2018, Gold Coast, Australia.
- 21st International Conference on Knowledge Based and Intelligent information and Engineering Systems (KES 2017), Marseille, France, 6-8 September 2017.
- Tenth International Conference on Intelligent Information Hiding and Multimedia Signal Processing, Kitakyushu, Japan 27-29 August 2014.
- Sixth International Conference on Emerging Trends in Engineering and Technology, Nagpur, India, 16-18 December 2013.

Conference General Co-Chair:

- Twentieth International Conference on Knowledge-Based and Intelligent Information and Engineering Systems, United Kingdom, 5-7 September 2016.
- Seventh International Workshop on Soft Computing Applications, Romania, 24-26 August 2016.
- Nineteenth International Conference on Knowledge-Based and Intelligent Information and Engineering Systems, Japan, 7-9 September 2015.
- Third International Conference on Innovation in Medicine and Healthcare, Kyoto, Japan, 11-12 September 2015.
- Eighteenth International Conference on Knowledge-Based and Intelligent Information and Engineering Systems, Poland, 7-9 September 2014.
- Fifth International Conference on Intelligent Decision Technologies, Portugal, June 2013.
- Sixth International Conference on Intelligent Interactive Multimedia Systems and Services, Portugal, June 2013.
- International Conference on Innovation in Medicine and Healthcare, Greece, July 2013.

Co-authored books:

- Klačnja-Milićević, A., Vesin, B., Ivanović, B., Budimac, Z. and Jain, L.C., E-Learning Systems, Springer-Verlag, Germany, 2017.
- Jarvis, D., Jarvis, J., Ronnquist, R. and Jain, L.C., Multiagent Systems and Applications, Springer-Verlag, Germany, 2013.

- *Co-author* of 15 journal papers.
- *Co-editor* of 31 books.
- *Co-editor* of 21 conference proceedings.
- *Co-editor* of 15 book chapters.
- *Guest editor* of 4 books.

In recognition for his outstanding achievements over a dedicated career as scientist, educator and editor, the University "Aurel Vlaicu" of Arad is honored to award Prof. Lakhmi Chand Jain the title of Doctor Honoris Causa.

October 14, 2019

Professor Ioan Radu,
President of the Senate of "Aurel Vlaicu" University of Arad