

Laudatio

for

Professor Dr. Josef A. Nossek

on the occasion of awarding him the title of

Doctor Honoris Causa

by the

Pázmány Péter Catholic University,  
Hungary

by Professor Árpád I. Csurgay  
Faculty of Information Technology  
Pázmány Péter Catholic University



Your Eminence, Honourable Rector, Your Excellencies, Dear Colleagues,  
Ladies and Gentlemen,

it is a great honor and also a distinct pleasure to hold this Laudatio at the occasion of the award of the title of a Doctor Honoris Causa by the Pázmány Péter Catholic University to

**Josef Anton NOSSEK,**

Distinguished Professor and Member of the Senate and Board  
of the Technische Universität München.

Josef Anton Nossek has been – and he is indeed – one of the leading figures in European *Electrical Engineering and Information Technology*. He is a member of the *Deutsche Akademie der Technik-wissenschaften*, Vice President of the *Convention of National Associations of Electrical Engineers of*

Europe, former President of the *Verband der Elektrotechnik–Elektronik–Informationstechnik*, (VDE) in Germany, honored Fellow of the “global” (IEEE) *Institute of Electrical and Electronic Engineers*, and former president of the *IEEE Circuits and Systems Society*.

Last but not least, since 2005 Professor Josef Nossek has been a member of the *Advisory Board of our Faculty of Information Technology*, here at *Pázmány Péter Catholic University*, and as a regular guest lecturer he has been delivering outstanding graduate courses each year to our students.

Josef Anton Nossek was born in Vienna on the 17th December, 1947. He received the Dipl. Ing. and Dr. Techn. degree in electrical engineering (in *Nachrichtentechnik*) from the *Technische Universität Wien* in 1974 and 1980 respectively. He joined Siemens AG in 1978, where he became an outstanding innovator, excelling both in theoretical and practical, i.e. constructive engineering. He followed James Clark Maxwell and Henri Poincaré’s legacy: “*There is nothing more practical than a good theory.*”

In industry his creativity was appreciated and acknowledged. In 1982 he was already the leader of a laboratory designing digital radio systems, and by 1987 he served as the Head of the Radio Systems Design Department at Siemens AG. He achieved success after success. In late 70s and 1980s visiting the *Lehrstuhl* of the world famous Professor Rudolph Saal in München, I recall how highly he appreciated “a young Siemens engineer”, in fact Josef Nossek.

In April 1989 he was appointed to become Professor *Ordinarius des Lehrstuhls des Netzwerktheorie und Signalverarbeitung* at the *Technische*

*Universität München,*

Under his leadership the *Lehrstuhl* became a world-wide famous center of excellence in signal processing algorithms of communications, particularly multi-antenna communication systems. His contributions to the educational and research activities were in Germany and also internationally highly acknowledged. He received many awards, just to mention a few recent ones. His contributions were acknowledged in 2008 by the *IEEE Circuits and Systems Educational Award*, and in 2011 by the *Guillemin–Cauer Best Paper Award*.

From the Bundesrepublik Deutschland in 2008 he received the *Bundesverdienstkreuz am Bande*.

For these reasons, I ask you, Honorable Rector that on the recommendation of the Academic Council, to confer the degree of

***Doctor Honoris Causa***

***of Pázmány Péter Catholic University upon***

***Professor Josef Anton Nossek.***