

Curriculum vitae

Family & given name, degree(s): Ivančo, Ján, Ing., PhD., DrSc.

Affiliation: Institute of Physics, Slovak Academy of Science, SK-845 11 Bratislava

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Nationality: Slovak Republic

Education, degrees

- 1978 – 1983 Ing.; Physical Engineering – Solid State Engineering; *Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University in Prague* (Prague, Czech Republic).
Master thesis: *Fundamental transport properties of $Hg_{1-x}Cd_xTe$ monocrystals*.
- 1996 PhD.; Electronics & vacuum technique; *Slovak University of Technology* (Bratislava, Slovakia).
PhD. thesis: *Optimization of selected properties of insulator-GaAs interface*.
- 2018 DrSc. (research prof.); *Comenius University* (Bratislava, Slovakia).
Doctoral dissertation: *Electronically functional molecular films and related interfaces*.

Research Interests *Recent:* Photoemission; ultra-thin electronically active organic films and related interfaces;
Current: gas sensors based on nanostructured films.

Refereed Publications Web of Science ([B-3320-2011](#)); SCOPUS ([7003430136](#));
ORCID ([0000-0001-5455-6782](#)).

Professional experience (research field; affiliation)

- till 1998 Plasma processes in semiconductor technology;
Slovak Academy of Sciences, Institute of Physical Electronics (Piešťany, Slovakia).
- 2000 – 2006 Physical chemistry of surfaces and interfaces, ultra-thin molecular films, organic semiconductors, photoemission;
Karl-Franzens University Graz, Institute of Physics (Graz, Austria).
- 2006 – 2009 Physical chemistry of surfaces and interfaces, ultra-thin molecular films, organic semiconductors, photoemission;
Chemnitz University of Technology, Institute of Physics (Chemnitz, Germany).
- 2010 – Organic semiconducting films, molecular films and associated interfaces, nanoparticle-based films and structures, solid-state gas sensors;
Slovak Academy of Sciences, Institute of Physics (Bratislava, Slovakia).

Scholarships (workplace; bestowed by)

- 1994, 96 *Institute of Applied Physics, École polytechnique fédérale de Lausanne* (Lausanne, Switzerland); *La Commission Fédérale des bourses pour Etudiants Etrangers* (Bern, Switzerland).
- 1998 – 2000 *Institute of Scientific and Industrial Research, Osaka University* (Osaka, Japan); *Japan Society for Promotion of Science* (Tokyo, Japan).

Invitations

- 2003, 06, 09 (@2 m.) *Osaka University* (Osaka, Japan) visiting research scholar.

Awards

- 2011 *Slovak Academy of Sciences Prize for establishing the infrastructure for science* (a member of the awarded team).