



## Curriculum Vitae

### o. Univ. Prof. Dr. DDr.h.c. Niyazi Serdar Sariciftci

#### • PERSONAL INFORMATION

Date of birth: 19/03/1961, in Konya, Turkey

Nationality: Austria, Turkey

Affiliation: Chair Professor and Director of the Linz Institute for Organic Solar Cells (LIOS) and Institute of Physical Chemistry at the Johannes Kepler University of Linz, Altenbergerstrasse 69, A-4040 Linz, Austria

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#### • EDUCATION

1989 Doctor of Science degree in Physics at the University of Vienna, Austria

1986 Master of Science degree in Physics at the University of Vienna, Austria

1980-1986 Study of physics at the University of Vienna, Austria

#### • CURRENT POSITION

1996 – Director and Chair (ordinarius) professor for physical chemistry, at the Johannes Kepler University of Linz, Austria

2001- Director of the Linz Institute for Organic Solar Cells (LIOS), at the Johannes Kepler University of Linz, Austria

#### • PREVIOUS POSITIONS

1992 – 1996 Senior Research Associate the Institute for Polymers and Organic Solids (Director Prof. Alan Heeger, Nobelprize for Chemistry 2000), Univ. of California at Santa Barbara, USA

1989 – 1992 Univ. Assistant at the 2<sup>nd</sup> Physics Institute at the University of Stuttgart, Germany

- **GUEST PROFESSORSHIPS**

- 2011-2015 Research Center for Organic Electronics (ROEL) at the University of Yamagata at Yonezawa, Japan.
- 2000, 2003, University of California, Santa Barbara, USA
- 2007, 2010 University of California, Santa Barbara, USA
- 1991 Solar Energy Institute at the Ege University, Izmir, Turkey

- **AWARDS and HONORS**

- 2020 Selcuk Yasar Prize of Turkey
- 2015 TÜBA Academy Prize of the Turkish Academy of Science
- 2012 Wittgenstein Prize of the Austrian Science Foundation (FWF)
- 2012 Doctorate Honoris Causa of the University of Bucharest, Romania
- 2011 Nakamura Lecture Award of the University of California, Santa Barbara, USA
- 2011 Doctorate Honoris Causa of Abo Academy, Finland
- 2010 Placed #14 of the world's best material scientists ranking by Institute for Scientific Information (ISI Thompson Reuter see: <http://www.sciencewatch.com/dr/sci/misc/Top100MatSci2000-10/> ).
- 2010 Kardinal Innitzer Preis (Archbishop's Award for natural sciences)
- 2010 ÖGUT Umweltpreis, Austria (ÖGUT Environmental Award)
- 2010 "Humanity Medal" of Linz, Austria, given for contributions to society
- 2008 Science Prize „Austria 2008“ (Austrian scientist of the year)
- 2006 Turkish National Science Prize (TUBITAK Türk Bilim Ödülü)
- 2003 "Energy Globe Oberösterreich" Prize
- 2001 „Grünpreis 2001“ sponsored by the Austrian Green Party, Upper Austria, given to the innovative research in environmental protection

- **SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS**

Over 150 advised graduate students (master and PhD level) and postdoctoral assistants as well as visitors.

Many of those excellent students and post docs are now full professors worldwide, for example Prof. Christoph Brabec (Univ. Erlangen, Germany), Prof. Vladimir Dyakonov (Univ. Würzburg, Germany), Prof. Sean Shaheen (Denver Univ., USA), Prof. Matthew White (Vermont Univ., USA), Prof. Atilla Mozer (Wollongong Univ., Australia), Prof. Serap Günes (Istanbul Yildiz Teknik Univ., Turkey), Prof. Maria-Antonietta Loi (Groningen Univ., The Netherlands), to mention a few.

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

2017 Member of the Academy of Science of Turkey (TÜBA)

2014 Corresponding Member of the Academy of Science in Austria (ÖAW)

2009 Fellow of the SPIE

2005 Fellow of the Royal Society of Chemistry (FRSC), London, Great Britain

Member of the Austrian Chemical Society, American Chemical Society, Material Research Society, Austrian Physical Society, European Physical Society

- **HIGH TECH SPIN OFF COMPANIES INITIATED**

All together 7 spin off companies are initiated from LIOS under the guidance of Prof. Sariciftci in the field of organic semiconductors and optoelectronics as well as solar energy conversion: QSEL (which became Konarka Austria), Nanoident, Plastic Electronic, Prelonic, Isiqiri, Solar Fuel and SILIZIOS

**Publications:**

Prof. Sariciftci has published in total over 640 scientific publications including several patents; in total these publications have been cited over 85000 times and his h-index is 104 (as measured by ISI) or over 85000 citations and h-index is over 125 (as measured by Google Scholar).

For a full list of publications for the period 1996-2021 see [www.lios.at](http://www.lios.at). Among his over 600 publications it is to mention those that were most seminal ones – like e.g. the one on „Photoinduced Electron Transfer From a Conducting Polymer to Buckminsterfullerene“, N.S. Sariciftci, L.Smilowitz, A.J. Heeger and F.Wudl, *Science* **1992**, 258, 1474, being cited 5700 times (Google Scholar). Then together with C.J. Brabec, N. S. Sariciftci and J.C. Hummelen on the topic of „Plastic solar cells“, *Advanced Functional Materials*, **2001**, 11, 15, cited 5300 times as well as the work on „2.5% efficient organic plastic solar cells“ S.E. Shaheen, C.J. Brabec, N.S. Sariciftci, *et al.*, *Applied Physics Letters* **2001**, 78, 841 (cited 3600 times) as well as the review paper on "Conjugated Polymer Based Organic Solar Cells", with S. Günes, H. Neugebauer and N. S. Sariciftci, *Chem. Rev.*, **2007**, 107, 1324, cited 4800 times.