JOHANNES KEPLER
UNIVERSITÄT LINZ

LINZ INSTITUTE FOR

ORGANIC SOLAR CELLS (LIOS)

welcomes to the

International Symposium for the 80th Birthday of Prof. Alan J. Heeger (Nobelprize 2000)

"ORGANIC ELECTRONICS IN THE 21st CENTURY"

Monday, March 21st, 2016

at the

Johannes Kepler University of Linz

Austria

WELCOME TO THE

INTERNATIONAL SYMPOSIUM

FOR THE 80th BIRTHDAY OF ALAN HEEGER

Prof. Alan J. Heeger has been a dominant influential personality for the general field of organic semiconductor science and technology. In special, Prof. Heeger has been pioneering the field of conjugated, conducting polymers; the field which has been steadily increasing in importance since the first report on electrical conductivity of polyacetylene in 1974 by Heeger, Shirakawa and MacDiarmid. This discovery, which has been Nobel prized for all three authors in the year of 2000, opened up the field of conducting polymers.

In the 1990s the conjugated, semiconducting state of such polymers become more and more important in science. The organic light emitting diodes (OLEDs), organic field effect transistors (OFETs) as well as organic photovoltaics (OPVs) have increasingly been studied and technologically applied today.

Recently the bio-integration of electronics into medical sciences has been a new, emerging field, using the same class of organic conducting polymers as transducing elements.

We want to explore in this symposium the future of conducting polymers. How the future of conducting polymers may look like, will strongly depend on the actors in this field. Many of these players are coming from the School of Alan Heeger at the University of California Santa Barbara.

Program:

07:30 - 09:00	Registration
09:00 – 09:30	**“ Welcome: School of Alan Heeger ”** **(Niyazi Serdar Sariciftci)** **Congratulations by** **Bundesrat Mag. Klaus Fürlinger (for LH)** **Vizebürgermeister Christian Forsterleitner** **Rektor Prof. Dr. Meinhard Lukas**
09:30 – 10:00	**“Creativity, Discovery and Risk:** **Nobel Prizes Past and Future " (Alan J. Heeger)**
10:00 – 10:30	**“Serendipity in the quest of new materials”** **(Fred Wudl)**
10:30 – 11:00	Coffee Break
11:00 – 11:30	**“Organic light emission” (Uli Lemmer)**
11:30 – 12:00	**“Organic solar cells” (Christoph Brabec)**
12:00 – 12:30	**“Organic displays and devices” (Changhee Lee)**
12:30 – 13:30	Lunch Break

13:30 – 14:00	**“Electronic- and biopolymers combined: From energy storage to biological interfaces” (Olle Inganäs)**
14:00 – 14:30	**“Carbon nanotubes for biological applications” (Maurizio Prato)**
14:30 – 15:00	**“Electron and energy transfer” (Rene Janssen)**
15:00 – 15:30	Coffee Break
15:30 – 16:00	**“Printing solar cells” (Kwanghee Lee)**
16:00 – 16:30	**“Polarons, bipolarons: Magnetic field effects” (Eitan Ehrenfreund)**
16:30 – 17:00	**“Synthesis of semiconducting oligomers” (Jean Roncali)**
17:00 – 17:30	**"Ultrafast switching of polarons" (Dragan Mihailovic)**
17:30 – 19:30	Poster session (book table)
19:30 - …	Dinner buffet with banquet ceremony

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