



## Open Position

### ‘Advanced Chemometrics for Industrial Processes’

The Department of Knowledge-Based Mathematical Systems (FLLL) at the Johannes Kepler University Linz (JKU) is offering a position for an **experienced researcher, Junior as well as Senior, in the field of statistical and data-driven modeling with a specific emphasis on advanced Chemometrics** for the supervision of industrial processes.

The employment is carried out within the project “Industrial Methods for Process Analytical Chemistry” (imPACts, see also [http://www.k-pac.at/205\\_ENG\\_HTML.htm](http://www.k-pac.at/205_ENG_HTML.htm)), an ongoing FFG K-Project with 11 company and 8 scientific partners. The actual work will relate to, e.g., high-dimensional learning problems based on **spectra data from industrial projects** and the self-adaptivity of chemometric models in **online real-world processes**.

We are looking for candidates interested in joining our international and interdisciplinary team of experienced researchers in the fields of soft computing, machine learning, data- and knowledge-based modeling collaborating with national and international companies, research institutions and research partners.

The position shall be filled as soon as possible but not later than July 1, 2016 and is currently limited by the end of the project imPACts, i.e., September 2018. The position will be located in the JKU Softwarepark Hagenberg at the Fuzzy Logic Laboratorium Linz (Department of Knowledge-Based Mathematical Systems).

**Requirements:** Applicants should preferably have a **completed master in Mathematics, Statistics, Computer Science, or Mechatronics**, and should have sufficient prior experience in soft computing and/or machine learning techniques and/or statistical modeling; knowledge in Chemometrics is warmly welcome. We expect willingness for preparing publications in international journals and conferences. A working permission for the EU is requested. Your personal skills should include the ability to work independently as well as within an (international) team. We look forward to working together with creative people with good communication skills and offer an interesting position within an interdisciplinary industrial research project and in a friendly and collaborative atmosphere.

JKU wishes to increase the proportion of female faculty and, for this reason, especially welcomes applications from women. If applicants are equally qualified, women will be given preference for this assignment. The university welcomes applications from qualified applicants with physical disabilities. These applications will be given special consideration.

**Duration of contract: until September 2018, Deadline of App.:** April 30th, 2016, **Start Date:** Jul 1st, 2016

**Approx. Salary (Gross):** The minimum gross salary is 37751 Euro per year for junior researchers, for a full-time employment of 40 hours a week. The actual salary depends on the qualification of the applicant.

#### Contact:

Please send your application including CV, certificates, references to publications together with a short letter of motivation (one A4-page) to

Dr. Edwin Lughofer (FLLL), email: [edwin.lughofer@jku.at](mailto:edwin.lughofer@jku.at)