# IA PAS LUBLIN POLAND

MARIE CURIE RESEARCH FELLOWSHIP

If you are interested in performing cutting edge research in agriculture using spectroscopic methods, we offer the opportunity to do it in the Institute of Agrophysics, Polish Academy of Sciences located in charming Lublin, Poland.

**Requirements/Responsibilities:**
We are looking for experienced researches interested in a 2 years post-doc position funded by a Marie Curie fellowship. The candidate is asked to write a Marie Curie proposal in collaboration with us to under take research on one of the following topics:
1. "Determination of food products quality by using spectroscopic methods".
(It is advisable to choose cereal or oil products.)
2. "Farinographic and extensographic characteristics of bread dough".

The candidate will have a PhD or at least four years of full-time equivalent experience in the determination of secondary structure of proteins by using spectroscopic methods. To complete a successful application, the candidate has proven his/her scientific excellence by multiple peer-reviewed publications in scientific journals.
Further information on EU-funded Marie Curie actions is available at:
http://cordis.europa.eu/fp7/mariecurieactions/

**Contact**

If this offer appeals to you, please send your full CV and project proposal to:
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Keyword: MC Fellowship

## www.ipan.lublin.pl

**About IA PAS**

The Institute of Agrophysics, Polish Academy of Sciences, was established in 1968 on the initiative of Professor Bohdan Dobrzański. The activity of the Institute is directed to fundamental and applied research supporting agriculture and food-production systems related to: soil quality, plant growth and development, quality of plant materials, and proper cropping systems. Agrophysics has large experience in environmental protection, especially with problems of soil degradation and protection against acidification, alkalization, salinization, and pollution. It also deals with wetlands and greenhouse gas emissions.
In 2003 in the frame 5 FP EU the Institute obtained status of an European "Centre of Excellence for Applied Physics in Sustainable Agriculture" - acronym AGROPHYSICS. The Institute performs fundamental and applied research on topics related to environmental management and protection, sustainable agriculture, and agricultural-food industries. The main scientific activities of the IA PAN are: physics and biology of the environment, physics of plant materials, agrophysical metrology,and monitoring and modelling.