



**INNOVATIVE ECONOMY**  
NATIONAL COHESION STRATEGY



**EUROPEAN UNION**  
EUROPEAN REGIONAL  
DEVELOPMENT FUND



## **Stipend offer nr 15/Team/09**

**Position:** Post-doctoral fellow in research group

**Number of stipends:** 3

**Institution :** Faculty of Physics, University of Warsaw

**Maximum period of stipend agreement:** 48 months

**Position starts on:** January 1, 2009

**Stipend's amount:** 5.000 PLN/monthly

### **Key responsibilities include:**

1. studies of generation and detection of quantum coherence in atomic and optical systems
2. implementations of quantum estimation procedures from experimental data
3. theoretical analysis of the Bose-Einstein condensate in the mean-field theory and beyond, and application of these methods to other light-matter systems

### **Profile of candidates:**

1. A PhD degree in physics or a related subject received not earlier than 4 years before the start of the project
2. Proficiency level of English
3. Ability to work in a group of people from various background

### **Required documents:**

1. Curriculum vitae, including research record and academic transcripts in the pdf format
2. Name of at least one senior researcher willing to provide a recommendation letter for the applicant and familiar with candidate's previous work

**For more details about the position please visit:** <http://www.fuw.edu.pl/~team/>

**Principal Investigator:** Prof. Konrad Banaszek

**Address for applications:** team@fuw.edu.pl

**Closing date:** October 30, 2009

Please include in your offer : "In accordance with the personal data protection act from 29 th August 1997, I hereby agree to process and to store my personal data by the Institution for recruitment purposes".

The granting institution may seek to contact the best candidates only