

Competition for two scholarship positions in the project  
**NCN OPUS-15, nr UMO-2018/29/B/ST9/01793**

**Unit name:**

Faculty of Physics, Astronomy and Applied Computer Science, Jagiellonian University, Kraków

**Position name:** scholarship/student

**Requirements:**

- bachelor's degree in astronomy or physics,
- knowledge of basic radiation processes in astrophysical objects,
- experience in analysis of radio and optical astronomical data,
- the basics of programming (eg. Python, C++),
- knowledge of English: reading of professional texts.

**Task description:**

work in a scientific project entitled *Dynamical evolution of radio galaxies – probing the past of a central supermassive black hole through analysis of associated large-scale radio emission* consisting, among others on:

- analysis of observational data (mainly radio and optical) for selected radio galaxies,
- imaging multifrequency radio data,
- statistical analysis of physical parameters for selected objects.

The type of NCN competition: **OPUS 15**

The deadline for the submission of offers: **4<sup>th</sup> of July 2019, 22:59 UT**

Form of offers: e-mail to: **marek.jamrozy@uj.edu.pl**

The deadline for the settlement of the competition: **5<sup>h</sup> of July 2019.**

**The conditions of employment:**

- scholarship in amount 1000 PLN/month for 12 months.

**The application for the scholarship must contain:**

- cover letter,
- CV with a content clause: "Wyrażam zgodę na przetwarzanie moich danych osobowych zawartych w mojej ofercie dla potrzeb niezbędnych do realizacji procesu rekrutacji zgodnie z Rozporządzeniem Parlamentu Europejskiego i Rady (UE) 2016/679 z dnia 27 kwietnia 2016 r. w sprawie ochrony osób fizycznych w związku z przetwarzaniem danych osobowych i w sprawie swobodnego przepływu takich danych oraz uchylenia dyrektywy 95/46/WE (ogólne rozporządzenie o ochronie danych),
- information about previous scientific achievements (eg. Publications), distinctions and awards, scholarships, participation in workshops and scientific trainings, participation in research projects,
- document confirming the completion of the first-cycle studies,
- document confirming the status of a second-cycle student,
- a statement with information about the processing of personal data along with the consent for their processing, delivered to the secretariat of the Astronomical Observatory, ul. Orla 171, 30-244 Kraków (form to be downloaded from the website: <https://cawp.uj.edu.pl/wynagrodzenia/stypendia>).

The competition committee, after collecting the offers, will qualify the candidates on the basis of submitted documents. Candidates will be informed about the recruitment results immediately after the competition is resolved.