



SCIENTIFIC AND PEDAGOGICAL INTERNSHIP IN THE EUROPEAN INSTITUTE FOR INNOVATION DEVELOPMENT

The Leading Institutes of Czech Science.

Part One.

Mathematics, Physics, and Computer Science

THE LEADING INSTITUTES OF CZECH SCIENCE

CAS Research Areas

Astronomical Institute

The Institute is the direct successor of the Observatory of the Jesuit College, located in the tower of the Clementinum in Prague, where scientific observations, principally of meteorological character, were begun already in 1722. Along a parallel line of history, in 1898, a private observatory owned by J.J. Frič was built in a village Ondřejov, 35 km southeast of Prague. This small observatory was later donated to the state and the Charles University in Prague, in 1928. The two establishments merged in 1953 within the State Astronomical Observatory to create the Astronomical Institute, now belonging to The Czech Academy of Sciences.

THE LEADING INSTITUTES OF CZECH SCIENCE

CAS Research Areas

Astronomical Institute

Astronomical Institute of the Czech Academy of Sciences is the foremost astronomy organization and one of the oldest scientific institutions in the country. The major part of the institute is located in the village Ondřejov southeast from Prague, where it operates the largest Czech optical telescope and a number of other instruments. The Institute employs about 70 scientists plus a dozen of PhD students. Ondřejov Observatory represents a research campus with its own facilities such as a cafeteria, apartment houses for staff and short term accommodation for visitors. A separate worksite is located in Prague that resides in a building within an academic campus at Spořilov.

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Astronomical Institute

Following its long history nowadays the Astronomical Institute emerges as a modern public research organization which is involved in a rich set of international projects in Europe and worldwide. On the national level the Institute carries out the major part of research in astronomy and astrophysics in the Czech Republic. During the recent two decades the international collaboration of the Institute has been greatly expanded and it currently represents a significant part of its research activities, including a close cooperation with European Southern Observatory (ESO), European Space Agency (ESA), International Astronomical Union (IAU) and other professional organizations.

GENERAL INFORMATION

Full version of this presentation is available for review
to the participants of the internship

