



SCIENTIFIC AND PEDAGOGICAL INTERNSHIP IN THE EUROPEAN INSTITUTE FOR INNOVATION DEVELOPMENT

Introduction.

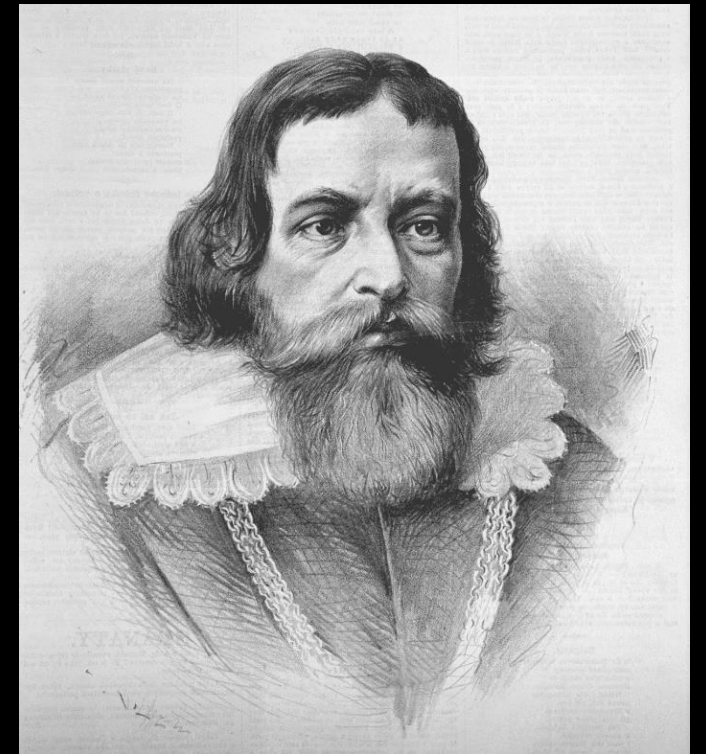
Part One.

Brief History of Czech Science

INTRODUCTION IN INTERNSHIP

The History of Czech Science

Jan Marek Marci, a Bohemian doctor and scientist, rector of the University of Prague, and official physician to the Holy Roman Emperors, became the first Czech scientist well-known in Europe. His studies covered the mechanics of colliding bodies, epilepsy, and the refraction of light, as well as other topics. He preceded Isaac Newton in his belief that light is not changed into colours except by a certain refraction in a dense medium; and the diverse species of colours are the products of refraction. He stated that each colour was condensed or disentangled from the others after refraction into homogeneous or elementary colours of red, green, blue and purple, and that no further change in colour was obtained by additional refraction of elementary colours.



INTRODUCTION IN INTERNSHIP

The History of Czech Science

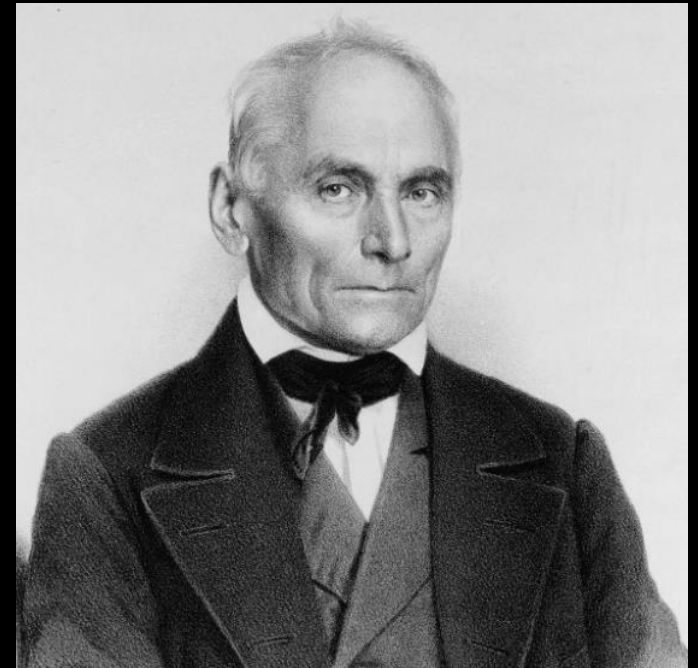
Karl Ferdinand Braun became the first Czech scientist recognised worldwide. He is known for his experiments in electricity and magnetism, in particular, the discovery of the phenomenon of electromagnetic induction. His work made a significant contribution to the development of electrical engineering and became the basis for the creation of alternators.



INTRODUCTION IN INTERNSHIP

The History of Czech Science

Jan Evangelista Purkyně has significantly supplemented knowledge of the properties of light and spectral decomposition. He introduced the spectrum concept into science, and also discovered many new substances, including purple, which was named after him. He discovered an element that he called purkinium. This element was first isolated and described by Purkin in 1883, and its discovery led to the expansion of the periodic table. Purkin belonged to the introduction into scientific usage of such terms as encym (1837), protoplasm (1840), etc.



GENERAL INFORMATION

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

