

CURRICULUM VITAE

Name: Dušan Tomko
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Nationality: Slovak
Date of birth: 4.12.1983

EDUCATION

PhD. - Faculty of Mathematics, Physics and Informatics,
Comenius University, Bratislava, 2009-2013

Mgr. - Faculty of Science, Pavol Jozef Šafárik University, Košice,
2003-2008

high school diploma – St. Thomas Aquinas High School, Košice,
1999-2003

WORK EXPERIENCE

Employer: Astronomical Institute SAS, Tatranská Lomnica, since 2013

Position: Member of Department of Interplanetary Matter
Member of Board of Trustees of the Astronomical Institute SAS,
since 2022

Research position: research scientist

Research activity: celestial mechanics, dynamical evolution of the comets and
meteoroid streams, relationship between meteor stream and comets,
dynamics these objects, obtaining astronomical data with a 1,3m and
0,61m telescopes at Skalnaté Pleso Observatory, all-sky cameras
service belonging to European Fireball Network

Projects: **2022-2025** – „Dynamical versus generic relationship in the groups of
small bodies in the Solar System“ - (VEGA 2/0009/22) - investigator

2020-2024 – „The relationship between color and polarization in
comets: clues to understanding microphysical properties of cometary
dust and mechanisms of its ejection“ - (APVV-19-0072) - investigator

2018-2021 – „Dynamics of the meteoroid streams of selected comets
and other small objects in the Solar System“ - (VEGA 2/0037/18) -
investigator

2017-2021 – „Physical and dynamical characteristics of meteoroids“
(APVV-16-0148) - investigator

2015-2017 – bilateral project (Slovakia – Czech Republic)
„The study of interplanetary matter in the Earth's vicinity“ - investigator

2010-2013 – „The dynamics of the trans-Neptunian population and
other groups of small bodies in the Solar System“ – (VEGA
2/0011/10)- investigator