

# Petra Hyklová

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## CURRICULUM VITAE

### PERSONAL INFORMATION

Email: [hyklova@flu.cas.cz](mailto:hyklova@flu.cas.cz)

### EDUCATION

10/2013 – 02/2022 | **PhD.** | *Charles University*

Dissertation: Research and education at astronomical institutes of the Czech and German universities in Prague in years 1882-1945

03/2017 – 06/2017 | **RNDr.** | *Charles University*

Rigorosum thesis: Astronomical research at Charles University in Prague from 1882 until the present time

03/2017 – 06/2017 | **Mgr.** | *Charles University*

Master thesis: Astronomical research at Charles University in Prague from 1882 until the present time

### ACADEMIC POSITIONS

2023 – present | **Postdoc Researcher** | *Czech Academy of Sciences*

2013 – 2022 | **PhD. Researcher** | *Charles University*

### PUBLICATIONS

PAVLÍČEK, Tomáš W., HYKLOVÁ, Petra and Martin ŠOLC, 2024. *Astronomers behind the Iron Curtain. The First Postwar Generation in Czechoslovakia*. Prague: Matfyzpress. 285 pp. ISBN: 978-80-7378-464-5.

HYKLOVÁ, Petra and ŠOLC, Martin, 2019. František Nušl, Vice-President of the IAU 1928–1935, and inventor of the circumzenithal telescope. *Proceedings of the International Astronomical Union*. 13(S349), 197–202. ISSN 1743-9221.

HYKLOVÁ, Petra, 2019. The Expedition of M. R. Štefánik to Observe the Total Solar Eclipse in 1907 from Turkestan. In: *Astronomical Heritage of the Middle East*. San Francisco: Astronomical Society of the Pacific, s. 89–91. ASP Conference Series, Vol. 520.

- HYKLOVÁ, Petra and KŘÍČEK, Radek, 2018. Úlohy AO ve školní výuce: fyzika v mezipředmětových vztazích. In: *Moderní trendy v přípravě učitelů fyziky 8. Jak ICT ovlivňuje fyziku a naopak*. Plzeň: University of West Bohemia, s. 51–57.
- HYKLOVÁ, Petra, 2018. The Presence of Czech Astronomers at International Conferences. In: Věra DVOŘÁČKOVÁ a Martin FRANČ, ed. *Science overcoming borders*. Prague: Masaryk Institute and Archives of the CAS, s. 123–144. ISBN 978-80-87782-87-3.
- HYKLOVÁ, Petra, 2017. Dědictví klementinských exaktních věd a druhý život „Matematického muzea“ v 19. a 20. století. *Acta Universitatis Carolinae Historia Universitatis Carolinae Pragensis*. 57(2), 45–62. ISSN 0323-0562.
- HYKLOVÁ, Petra, 2018. The observatory in Senftenberg (Bohemia), built by John Parish (1774–1858) after his exodus from Altona. In: Gudrun WOLFSCHMIDT, ed. *Proceedings der Tagung des Arbeitskreises Astronomiegeschichte in der Astronomischen Gesellschaft in Kiel 2015*. Hamburg: tredition, s. 167–192. 38. ISBN 978-3-7345-5290-8.
- HYKLOVÁ, Petra and ŠOLC, Martin, 2017. Vojtěch Náprstek, František Josef Studnička and the American Ladies Club in Prague. In: Gudrun WOLFSCHMIDT, ed. *Proceedings der Tagung des Arbeitskreises Astronomiegeschichte in der Astronomischen Gesellschaft in Bochum 2016*. Hamburg: tredition, s. 399–415. ISBN 978-3-7439-1810-8.
- HYKLOVÁ, Petra and ŠOLC, Martin, 2017. Vsevolod Viktorovich Stratonov (1869–1938) – an astronomer and science popularizer on his way to exile from Russia to Berlin and Prague. In: Gudrun WOLFSCHMIDT, ed. *Proceedings der Tagung des Arbeitskreises Astronomiegeschichte in der Astronomischen Gesellschaft in Bochum 2016*. Hamburg: tredition, s. 259–261. ISBN 978-3-7439-1810-8.

## CONFERENCES

- Presentation* / Kolloquium (Tagung) des Arbeitskreises Astronomiegeschichte in der Astronomischen Gesellschaft: Auf den Spuren historischer Sternwarten / Köln, Germany, 8<sup>th</sup> – 9<sup>th</sup> September 2024
- Presentation* / 5th Seminar on the Philosophy and History of Mathematics / Prague, 8<sup>th</sup> October 2024
- Presentation* / O poradenství pozitivně! Vysokoškolské poradenství (nejen) v době Covidu | on-line, 25<sup>th</sup> May 2021
- Poster* / XXXth General Assembly of the International Astronomical Union | Vienna, Austria, 20<sup>th</sup> – 31<sup>st</sup> August 2018
- Poster* / Astronomical Heritage of the Middle East | Yerevan, Armenia, 13<sup>th</sup> – 17<sup>th</sup> November 2017
- Presentation* / 7th European Society for the History of Science Conference / Prague, 22<sup>nd</sup> – 24<sup>th</sup> September 2016
- Presentation and poster* / Kolloquium (Tagung) des Arbeitskreises Astronomiegeschichte in der Astronomischen Gesellschaft: Popularisierung der Astronomie / Bochum, Germany, 16<sup>th</sup> – 18<sup>th</sup> September 2016
- Presentation* / Klementinum a jezuitská věda / Prague, 9<sup>th</sup> – 10<sup>th</sup> September. 2016

*Presentation / Kolloquium (Tagung) des Arbeitskreises Astronomiegeschichte in der Astronomischen Gesellschaft: Astronomie im Ostseeraum / Kiel, Germany, 13<sup>th</sup> – 14<sup>th</sup> September 2015*

*Presentation / Věda a technika v českých zemích v období 2. světové války / Prague, 2009*

## **TEACHING ACTIVITIES**

History of Astronomy / *Charles University / since 2015*

Personal Development Group / *Charles University / 01/2021 – 12/2023*

## **THESIS ADVISOR**

Historické fotometrické údaje o hvězdokupách Plejády a Hyády | *Baláž, Allison* | Faculty of Mathematics and Physics, Charles University | 2022

## **GUEST TALKS**

2024 | Z dějin astronomie: Jak objevit planetu? | University of West Bohemia

2024 | Vzpomínka na astronoma Vladimíra Heinricha | Charles University

## **RESEARCH PROJECTS**

2024-2028 | Unlocking mathematics: Teaching and learning practices in the Habsburg lands: 1750s-early 1800s | *Postdoctoral Researcher* | Czech Academy of Sciences | LQ300092401

2023-2027 | Normalisation and Emergence: Rethinking the Dynamics of Mathematics The case of Prague in the First Half of the 19th Century | *Postdoctoral Researcher* | Czech Science Foundation | GM23-06540M

2016-2018 | Astronomical institutes of German and Czech universities in Prague in 1882-1945 | *Principal investigator* | Charles University Grant Agency | 1152216

2021-2024 | Czechoslovak-Polish Scholarly Entanglements in the Cold War Between High Politics and Individual Strategies | *Team member* | Czech Science Foundation | 21-45624L

2019-2022 | The first post-war generation of Czech astronomers, astrophysicists and mathematicians. Interdisciplinary research of the history of science networks | *Team member* | Czech Science Foundation | 19-20678S

2016-2018 | Faculty of Natural Science of the German University in Prague | *Team member* | Czech Science Foundation | 16-03442S

## POPULARIZATION ACTIVITIES

2024 | Po stopách Bernarda Bolzana | *Guided tour* | Institute of Philosophy, Czech Academy of Sciences

2024 | Astronomie od Stonehenge k Ptolemaiovi | *Talk* | Pátečníci - Popularizační sekce Českého klubu skeptiků Sisyfos

2023 | Vědecké objevy v historickém kontextu i žité každodennosti | *Workshop* | Institute of Philosophy, Czech Academy of Sciences

2023 | Byla (nebyla) jednou jedna planeta | *Talk* | Pátečníci - Popularizační sekce Českého klubu skeptiků Sisyfos

## ASSOCIATIONS

*Member* | Society for the History of Sciences and Technology | since 2015

*Member* | Czech Astronomical Society | 2016-2024

## OTHER PROFESSIONAL ACTIVITIES

2022 – present | *Member of the Astronomy Olympiad Advisory Board* | Czech Astronomical Society

2019 – present | *Lecturer* | ZO ČSOP Nyctalus

2022 – 2023 | *E-resources Administrator* | Charles University

2010 – 2023 | Mathematics and physics tutoring | Self-employed

2015 – 2022 | *Member of Committee for category EF of the Astronomy Olympiad* | Czech Astronomical Society

2017 – 2020 | *Teacher* | ZŠ Fr. Plamínkové s RVJ

2013 – 2014 | *Teacher* | SPŠE V Úžlabině | Prague

2013 | *Substitute Teacher* | Gymnázium, SOŠ, ZŠ a MŠ pro sluchově postižené

2011 – 2013 | *Economic Department Assistant* | AB Efekt