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Brief Summary

Master in Physics and Astronomy by the Federal University of Technology of Paraná (UTFPR), with dissertation entitled “Equilibrium shapes and geology of Transneptunian Objects”, and Bachelor in Geology by the Federal University of Paraná (UFPR), with monography entitled “Planetary Geology: planet Earth as an analog for the study of planetary bodies”. Studied Geology (BSc) at the University of Liverpool (UoL) for one year as part of the Science Without Borders program, two years of Physics (BSc - unfinished) and two years of Psychology (BSc - unfinished) in the Federal University of Paraná (UFPR). Participated in NASA’s InSight Seers Program, having followed the 21st Scientific Team Meeting (STM#21) of the InSight Program. Is currently an HDR Student at Curtin University, School of Earth and Planetary Sciences, developing research on impact craters and the geology of Mars.

Education: BSc in Geology | Federal University of Paraná (UFPR)
MSc in Astronomy | Federal University of Technology Paraná (UTFPR)

Research interests: Planetary Geology, Geology of Mars, Computational Geosciences, Structural Geology, Stratigraphy

Thesis title: Structure and evolution of Mars through the eyes of impact basins

Supervisors: Katarina Miljkovic

Publications: Branco, H. C. 2021. Philosophical aspects of the “Principles of Geology” by Charles Lyell: a starter approach. *Terræ Didactica*, 17 (continuous publication), 1-x, e021039. doi: 0.20396/td.v17i00.8666003.

Conferences: Branco, H. C.; Mancini, F. 2021. *Planetary Geology: Contributions from Earth Sciences to the study of the Universe*. XLIV Reunião Anual da Sociedade Astrônômica Brasileira (SAB).
Branco, H. C.; Braga-Ribas, F. 2021. *Considerations about the Equilibrium Shapes and Geology of TNOs*. XLIV Reunião Anual da Sociedade Astrônômica Brasileira (SAB).