

Lauréates et lauréats - Prix Schläfli

12. *Prix Schläfli Geosciences 2020*: Dr **Fabian Rey**. 2018. Causes and mechanisms of synchronous succession trajectories in primeval Central European mixed *Fagus sylvatica* forests. *Journal of Ecology*: 107: 1392-1408.
11. *Prix Schläfli Chemistry 2020*: Dr **Robert Pollice**. 2019. Origin of the Immiscibility of Alkanes and Perfluoroalkanes. *Journal of the American Chemical Society* 141: 3489-3506.
10. *Prix Schläfli Biology 2020*: Dr **Alice Berhin**. 2019. The Root Cap Cuticle: A Cell Wall Structure for Seedling Establishment and Lateral Root Formation. *Cell* 176: 1367-1378.
9. *Prix Schläfli Astronomy 2020*: Dr **Oliver Müller**. 2018. A whirling plane of satellite galaxies around Centaurus A challenges cold dark matter cosmology. *Science* 359: 534-537.
8. *Prix Schläfli Physics 2019*: Dr **Matteo Fadel**. 2018. Spatial entanglement patterns and Einstein-Podolsky-Rosen steering in Bose-Einstein condensates. *Science* 360: 409-413.
7. *Prix Schläfli Geosciences 2019*: Dr **Julie Zaehringer**. 2017. Remote sensing combined with social-ecological data: The importance of diverse land uses for ecosystem service provision in north-eastern Madagascar. *Ecosystem Services* 25: 140-152.
6. *Prix Schläfli Chemistry 2019*: Dr **Murielle Delley**. 2017. Local Structures and Heterogeneity of Silica-Supported M(III) Sites Evidenced by EPR, IR, NMR, and Luminescence Spectroscopies. *Journal of the American Chemical Society* 139: 8855-8867.
5. *Prix Schläfli Biology 2019*: Dr **Rebekka Wild**. 2018. Control of eukaryotic phosphate homeostasis by inositol polyphosphate sensor domains. *Science* 352: 986-990.
4. *Prix Schläfli Mathematics 2018* : Dr **Livio Liechti**. 2017. On the spectra of mapping classes and the 4-genera of positive knots. PhD Universität Bern.
3. *Prix Schläfli Geosciences 2018*: Dr **Alexandre Bagnoud**. 2016. Reconstructing a hydrogen-driven microbial metabolic network in Opalinus Clay rock. *Nature Communications* 7:12770
2. *Prix Schläfli Chemistry 2018*: Dr **Xiaojiang Xie**. 2014. Photocurrent generation based on a light-driven proton pump in an artificial liquid membrane. *Nature Chemistry* 6: 202
1. *Prix Schläfli Biology 2018*: Dr **Hester Sheehan**. 2016. *MYB-FL* controls gain and loss of floral UV absorbance, a key trait affecting pollinator preference and reproductive isolation. *Nature Genetics* 48(2): 159-166.