



Contribution ID: 17

Type: **Talk/Seminar**

## Conformally recurrent heavenly spaces

*Monday, 23 September 2019 17:30 (20 minutes)*

Two-sided conformally recurrent complex and real 4-dimensional spaces are considered. It is proved, that such spaces are equipped with nonexpanding congruence of totally null and geodesic 2-dimensional surfaces, null strings. Two-sided conformally recurrent heavenly spaces of the Petrov-Penrose type [D] are considered. Also, some real slices of type [D] heavenly metric are discussed.

**Primary author:** Dr ADAM, Chudecki (Lodz University of Technology, Center of Mathematics and Physics)

**Presenter:** Dr ADAM, Chudecki (Lodz University of Technology, Center of Mathematics and Physics)

**Session Classification:** Parallel Sessions

**Track Classification:** Parallel Sessions