

## **EUROLAS Data Center (EDC) – Status Report 2018-2022**

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Since 1991, the EUROLAS Data Center (EDC) has been one of the two global data centers of the International Laser Ranging Service (ILRS). The EDC has the task of archiving SLR data and derived products, and making them available to the ILRS community. In recent years, the new 43 Consolidated Laser Ranging Data Format (CRD) of version 2 has been developed with great effort by the ILRS and introduced as official SLR data format in the ILRS. Moreover, also the new Consolidated Laser Ranging Format (CPF) of version 2 has been developed and introduced as official data format for predictions.

In this poster, a status report of the EDC over the period from 2018-2022 is given. First, the development of the SLR data holding regarding normal point data and full-rate data of both CRD versions is presented in detail. These data sets are essential for the ILRS in order to derived SLR related products (e.g. EOP, etc.). The EDC also archives and provides CPF predictions which are necessary for SLR stations for tracking satellites. Here, statistics of CPF predictions of both versions are shown as well. Furthermore, the development of the SLR network regarding new stations and new satellites is presented in this poster. Finally, information about SLR products available at EDC and the maintained mailing lists (e.g. SLR-Mail, SLR-Report) is shown.