

Talk at Splinter Meeting

Splinter B

THE ERTRC REPORT ON
RADIO ASTRONOMY IN EUROPE: UP TO, AND BEYOND, 2025

R.-J. Dettmar

Astronomisches Institut der Ruhr-Universität Bochum, 44780 Bochum, Germany

Over the last six decades radioastronomy has significantly contributed to the rapid advancement of our understanding of the universe. Today, astronomy in Europe is in a very exciting phase with fully operational world leading facilities (e.g., VLT(I), ALMA, NOEMA, etc.) and with the prospect to also lead or participate in the efforts for the next generation of telescopes such as the ELT, SKA, or CTA. ASTRONET has established a Science Vision that describes the key science questions to be addressed until 2025, and a Roadmap that identifies the major facilities needed. The European Radio Telescope Review Committee (ERTRC) has been set up by the Board of ASTRONET with the assignment to provide a review that is addressing the role of present and future radio facilities in achieving this Science Vision. Here we provide an overview of the resulting report and its recommendations, which are also available online at: <http://ertrc.strw.leidenuniv.nl/>.