

## EISCAT Peer-reviewed Program: Application Part A

*For the Part A of the EISCAT Peer-review program application you need to submit a 2-4 page science description to concentrate on the scientific value of the proposed work. Save this file, preferable as a pdf, and attach it to the e-mail when sending in the Part B-from.*

Please include these parameters in Part A:

- Descriptive title and acronym of the experiment.
- Name of person submitting request, principal investigator, with his or her snail and email addresses and phone numbers.
- Names of other participants, co-investigators, with addresses.
- Name of a person to be contacted for coordinating the details of the experiments (if different from the one submitting the request), including one single email address to be used in communication concerning the application and experiment details.
- Short abstract (max 250 words), where the key science objectives are enumerated.
- Description of required background geophysical conditions, such as for solar activity, magnetic activity, season of the year, phase of the moon, specific dates, if any.
- List of the instruments and facilities, including non-EISCAT ones, which are required to complement the measurement setup (Detailed list on EISCAT facilities and their configuration is to be provided in part B of the application).
- Description of the measurements required to meet the science objectives by listing the primary and secondary parameters to be measured, the altitude, azimuth, and elevation ranges over which the measurements are to be made, and the time resolutions required by the study. Include the preferred radar operating modes, if known.
- Description why existing data in the MADRIGAL data bases are insufficient for the needs of your project.
- List of what existing data in the data bases come closest to meeting your needs.
- List of the duties of the participants.
- List of any facility personnel with whom you have discussed these ideas.
- A more detailed description of the objectives of the study and their relationship to previous studies, giving references. Including an attachment in lieu of a paragraph here may be an appropriate way to spell out these details; e.g., portions of a proposal to a funding agency with an indication of the grant status. A description of possible educational aspects of the study should be included. A list of the applicant's most significant publications during the last 3-5 years is not a requirement for young scientists, but should be added when relevant.