

DISCUSSION ON THE TOPIC

Theory, modelling and observations of Earth Rotation

SHORT SUMMARY

A number of issues that were presented during Session 4a and 4b were put to the discussion:

- the next steps in Earth interior modelling (cf. V. Dehants presentation in Session 4a),
- the importance of the studies on Earth rotation for geophysical interpretations (cf. C. Huang's presentation in Session 4a),
- the goals of the newly established IAU/IAG Joint Working group on the Theory of Earth Rotation (cf. J. Ferrandiz's presentation in Session 4a),
- the importance of the best possible accurate realization of the ICRF for Earth rotation studies (cf. presentations on the 3rd realization of the ICRF in Session 2),
- possible recommendations to the IVS about VLBI campaigns devoted to improvements in the Earth rotation model (submitted to A. Nothnagel, Chair of the IVS DB),
- The importance of using other kinds of observations than VLBI only for nutation studies (cf. N. Capitaines' presentation in Session 4b),
- etc.

For more details on issues related to the IAU/IAG Joint Working group on the Theory of Earth Rotation, see:

<http://web.ua.es/es/wgther> and especially <http://web.ua.es/es/wgther/reports-of-jwg-meetings.html>.