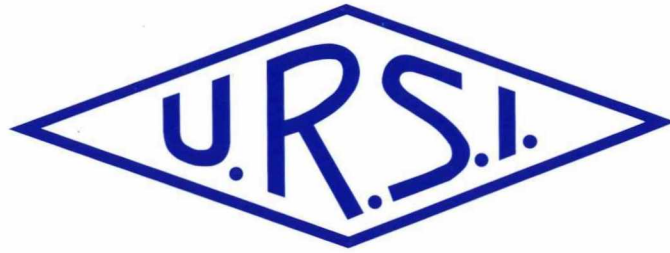


# The Radio Science Bulletin

ISSN 1024-4530

INTERNATIONAL  
UNION OF  
RADIO SCIENCE

UNION  
RADIO-SCIENTIFIQUE  
INTERNATIONALE



No 274  
September 1995

Publié avec l'aide financière de l'UNESCO

URSI, c/o University of Gent (INTEC)  
St.-Pietersnieuwstraat 41, B-9000 Gent (Belgium)

<b>Editorial .....</b>	<b>3</b>
<b>Errata .....</b>	<b>3</b>
<b>URSI 75 Years : "Space and Radio Science" .....</b>	<b>4</b>
Three articles which were presented at the 75th anniversary symposium of URSI, to wit :	
- <i>Solar System Plasma Waves</i> (by D.A. Gurnett, p. 4)	
- <i>Current Developments in VLBI Astronomy on the Ground and in Space</i> (by R.T. Schilizzi, p. 14)	
- <i>Dynamic Interactions between Ionospheric Plasma and Spacecraft</i> (D.B. Snyder, p. 29).	
<b>Radioscience at St. Petersburg Universities .....</b>	<b>37</b>
<b>Lille General Assembly 1996 .....</b>	<b>42</b>
The complete scientific programme of the upcoming General Assembly.	
<b>Conference Reports and Announcements .....</b>	<b>46</b>
Reports on URSI-sponsored conferences, announcements of new conferences and the URSI Conference Calendar; this is a list of all the upcoming conferences URSI will sponsor, with the contact addresses.	
<b>News from the URSI Community .....</b>	<b>55</b>
News from the Member Committee in Thailand and a book announcement.	
<b>UTC Time Step .....</b>	<b>56</b>
<b>Third World Academy of Sciences (TWAS) .....</b>	<b>57</b>
<b>URSI Publications.....</b>	<b>58</b>

**EDITOR-IN-CHIEF**  
 URSI Secretary General  
 Paul Lagasse  
 University of Gent  
 Dept. of Information Technology  
 St. Pietersnieuwstraat 41  
 B-9000 Gent  
 Belgium  
 Tel+ : 32 (9) 264 33 20  
 Fax: + 32 (9) 264 42 88  
 e-mail: rsb@intec.rug.ac.be

**EDITORIAL ADVISORY BOARD**  
 Pierre Bauer  
 (URSI President)  
 Peter J.B. Clarricoats  
 (URSI Vice-President on Publications)  
 James R. Wait

**EDITOR**  
 Paul Delogne  
 Université Catholique de Louvain  
 Telecommunications and Remote Sensing  
 Place du Levant 2  
 Bâtiment Stévin  
 B-1348 Louvain-la-Neuve  
 Belgium  
 Tel: + 32 (10) 47 23 07  
 Fax: + 32 (10) 47 20 89  
 e-mail: delogne@tele.ucl.ac.be

**ASSOCIATE EDITORS**  
 Steven Dvorak      Robert D. Hunsucker  
 D. Llanwyn Jones      Ari Sihvola  
 Piotr Sobieski      W. Ross Stone  
 Rudolf Treumann      Peter Van Daele  
 Luc Vandendorpe      James H. Whitteker

**For further information about URSI, please contact :**  
 The URSI Secretariat, c/o University of Gent (INTEC)  
 Sint-Pietersnieuwstraat 41, B-9000 Gent, Belgium  
 Tel. + 32 (9) 264 33 20, Fax + 32 (9) 264 42 88  
 e-mail: inge.heleu@intec.rug.ac.be

**For contributions to "The Radio Science Bulletin" :**  
 e-mail: rsb@intec.rug.ac.be

The International Union of Radio Science (URSI) is a foundation Union (1919) of the International Council of Scientific Unions as direct and immediate successor of the Commission Internationale de Télégraphie Sans Fil which dates from 1913.

Unless marked otherwise, all material in this issue is under copyright © 1992 by Radio Science Press, Belgium, acting as agent and trustee for the International Union of Radio Science (URSI). All rights reserved. Radio science researchers and instructors are permitted to copy, for non-commercial use without fee and with credit to the source, material covered by such (URSI) copyright. Permission to use author-copyrighted material must be obtained from the authors concerned.

The articles published in the Radio Science Bulletin reflect the authors' opinions and are published as presented. Their inclusion in this publication does not necessarily constitute endorsement by the publisher.

Neither URSI, nor Radio Science Press, nor its contributors accept liability for errors or consequential damages.





































































































































