



## International Solar Eclipse Conference

**Title:** A crossroad on physics and eclipses of the sun

**Venue:** Elzenveld, Antwerp Belgium

**Dates:** 14 - 15 October, 2000

### **Introduction:**

Over the last years, there have been dramatic changes in solar eclipse travelling. Solar Eclipse specialists meet most of the time in the shadow of the Moon. Solar Eclipse meetings out of totality are rare, or are mainly focused on solar physics. The Solar Eclipse Mailing List and the Solar Eclipse Newsletter has been successful as a vehicle in bringing together solar eclipse enthusiasts, professionals and amateurs alike.

Because there is no central eclipse in 2000 we have been presented with a perfect opportunity for an International Solar Eclipse Conference.

We have had this project in mind for some time, but mainly due to planning eclipse travels it has been put on hold. The aim of the conference is to bring together professional's and amateurs, addicts, enthusiasts, and chasers, as with the mailing list and the newsletter, sharing information, knowledge, and experience.

**Organizers:** Patrick Poitevin and Joanne Edmonds

**WebPages:** <http://www.eclipsechasers.net>

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### **Accounts:**

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- England sort code 56 00 64 account 83716440 NatWest, Portsmouth branch of Patrick Poitevin
- USA/World: On Line by any Credit Card

### **Purpose:**

Two days of lectures will be given in each of the disciplines: predictions, mathematics, solar physics, weather forecasting, eye safety, diameter measuring, edge and central, and ancient eclipse research. Of course the August 99 eclipse and the forthcoming Africa 2001 eclipse should be great topics of discussion, along with the once-in-a-blue-eclipse month of July 2000, five years of SOHO and the Solar Maximum. Lectures and poster sessions by professionals and by amateurs.

### **Guest speakers:**

We have invited ten international guest speakers, to give a lecture on their own specialized subject. We have the agreements to come from those guest speakers and we can ensure they are the ten masters in their discipline.

**Dr. Jay Anderson**, Meteorologist with Environment Canada: The Meteorology of the Lunar Shadow.

**Dr. B. Ralph Chou**, Associate Professor, University of Waterloo School of Optometry, Canada: Solar eclipse eye safety

**Dr. Fred Espenak**, NASA Astronomer, Goddard Space Flight Center, USA: Predictions for the Total Solar Eclipse of 2001 (and beyond...)

**Prof. Eijiro Hiei**, Professor of Meisei University, Professor Emeritus of University of Tokyo, Japan: Physical Conditions of Coronal Structure obtained from Eclipse Observations

**Dr. Ed C. Krupp**, Director Griffith Observatory, USA: Devoured by Darkness-Eclipse Lore and Myth

**Dr. Barrie W. Jones**, Head of the Physics and Astronomy Department at The Open University, United Kingdom: Shadow bands, and other atmospheric effects of solar eclipses

**Dr. Serge Koutchmy**, Astrophysicist at the Institute d'Astrophysique de Paris-CNRS, France: Eclipse corona: some recent advances

**Mr. Paul D. Maley**, Expedition Coordinator for the NASA Johnson Space Center Astronomical Society (Ring of Fire Expeditions), Vice President of the International Occultation Timing Association, USA: Opportunities for Research: Observing Eclipses at the Limit Lines

**Prof. Jay M. Pasachoff**, Field Memorial Professor of Astronomy at Williams College, Williamstown, Massachusetts, USA; Chair, Working Group on Eclipses of the International Astronomical Union: Solar Eclipses: Teaching Us About the Sun

**Prof. Francis Richard Stephenson**, Department of Physics, University of Durham, United Kingdom: Historical eclipses and the changing length of day.

**Others:** Some other speakers committed to give a lecture as well.

Ajay Talwar (India), Balch Dave (USA), Berghmans David and Clette Frederic (Belgium), Brunier Serge (France), Callebaut Dirk and Makarov Valentin (Belgium and Russia), Casado Juan Carlos (Spain), Clette Frederic (Belgium), Diego Francisco (United Kingdom), Foing Bernard (ESA), Fischer Daniel (Germany), Guillermier Pierre (France),

Hopper John (USA), Jones Eric (United Kingdom), Lariviere Jean Marc (Canada), Lemaire Joseph (Belgium), Kalebwe Peter Zambia), Meiser Gernot (Germany), Podmore Francis (Zimbabwe), Riedl Peter (South Africa), Rusin Voyto (Slovakia), Staiger Olivier (Switzerland), Vayada Nilesh and Yogini (India), Verwichte Erwin (Belgium), Verbelen Felix (Belgium).

The **organizations** and institutes whom will participate are currently:

Royal Observatory Belgium (ROB), European Space Agency (ESA), EIT Group Belgium, Belgian Institute for Space Aeronomy (BISA-IASB), Public Observatory Urania Antwerp Belgium

**Lecture fees** for attendees:

Saturday lectures: 40 USD  
Sunday lectures: 40 USD  
Two days of lectures: 70 USD

**Accommodation fees** for attendees:

Accommodation Elzenveld 14/15.10.00 per night:

single 40 USD  
double 55 USD  
VIP 80 USD

**Gastronomical fees** for attendees:

Lunch Saturday: 40 USD  
Diner Saturday: 50 USD

Breakfast Sunday: 15 USD  
Lunch Sunday: 40 USD  
Diner Sunday 50 USD

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