

# Fifth International Poplar Symposium

IUFRO Poplar and Willow  
Genetics Working Party 2.08.04



↓ DIVISIONS

*DIVISION 2 - PHYSIOLOGY AND GENETICS*

The Global Network for Forest Science Cooperation

## 2.08.04 – Poplars and willows

**Coordinator:**

[Brian Stanton](#), United States

**Deputies:**

[Gail Taylor](#), United Kingdom

[Theo Verwijst](#), Sweden

[Francisco Zamudio](#), Chile

Working Party 2.08.04 brings together all aspects of research in IUFRO on breeding and genetic resources of *Populus* sp. and *Salix* sp. Major functions of this Unit are to facilitate:

1. Information flow on breeding and selection, genomics, and conservation,
2. Exchange of plant material and,
3. Provide for informative meetings, workshops and field trips.

# IPS-I, 1995



*University of Washington, Seattle, U.S.A.*

# IPS-II, 1999



*INRA, Orleans, France*

# IPS-III, 2002

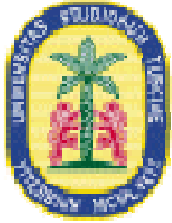


*Swedish Agricultural University, Uppsala, Sweden*

# IPS-IV, 2006



***Nanjing Forestry University, Nanjing, China***



**Fifth International Poplar Symposium**  
***Poplars and willows: from research models to  
multipurpose trees for a biobased society***

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**Orvieto, Italy, 20-25 September 2010**

**Organised by:**

**Agricultural Research Council of Italy (CRA)**

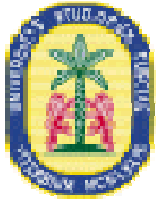
**National research Council of Italy (CNR)**

**University of Tuscia, Viterbo**

**Poplar National Commission**

**FAO-ONU**

**The International Union of Forest Research Organisations's Poplar  
and Willow Genetics Working Unit (2.08.04)**



## Tentative programme

20/9 Plenary session with introductory invited speakers; 2 scientific sessions; wine tasting in the evening

21/9 Plenary session with invited speakers; 1 scientific session; afternoon short excursion (to *P. nigra* natural stands on the Paglia river); social dinner

22/9 Plenary session with invited speakers, then parallel sessions; wrapping up

23/9 Travelling to North Italy and visit of white poplar stands and pulp mills in Tuscany

24 & 25/9 Field trip in Northern Italy with visits to Poplar Institute in Casale M., clonal field trials, plantation and natural stands; visit to a wood industry, and to bioenergy and biorefinery plants; phytoremediation pilot systems



**Field Tour**



**Orvieto**



# Venue: medieval town of ORVIETO

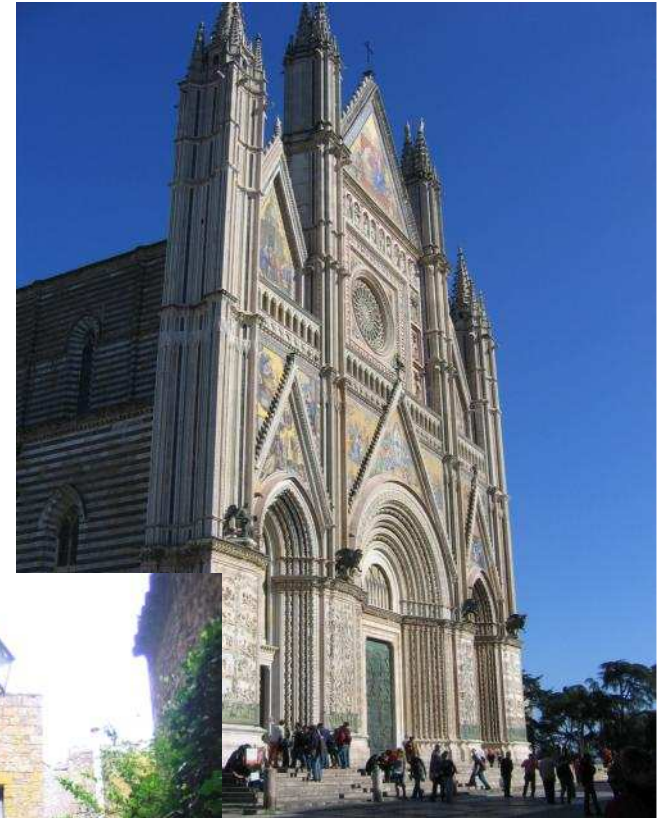
**Orvieto is 100 km North of Rome and 150 km south of Florence, along the fast train line from Rome to Florence. Post-meeting tour will end in Casale Monferrato, where the Poplar Research Institute is located, about 60 km away from the airports of Milan and Turin**



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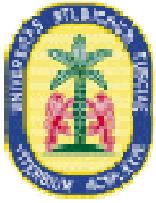


Congress palace



Cathedral





## Sessions

- 1) Population genetics, biodiversity evaluation and conservation of genetic resources
- 2) Poplar genomics for breeding and selection
- 3) Poplar biotechnology for industry and environment: wood production and quality, phytoremediation, floral pathways
- 4) Poplars and the environment: how much green is green?
- 5) Tree-pest interactions and signalling: lessons to improve pest and stress resistance
- 6) Innovative production systems for low input tree crops
- 7) International cooperation for poplar research and applications



**See you in Orvieto!!**



## Conference Committee

Giuseppe Scarascia-Mugnozza (local host)

Stefano Bisoffi (CRA and IPC chair)

Giuseppe Nervo (CRA)

Enrico Brugnoli (CNR)

Maurizio Sabatti (University of Tuscia)

Federico Radice-Fossati (It. National Poplar Commission)

Jim Carle (FAO)

Alberto Del Lungo (FAO - IPC Secretariat)

Franco Alasia (AssoBiomasse)

(Nanjing University)





### **Scientific Committee**

M. Teresa Cervera (Spain)  
Reinhart Culemans (University of Antwerp)  
Stefan Jansson (University of Umea)  
Francesco Loreto (CNR)  
Nelson Marmioli (University of Parma)  
Lu Meng Zhu (Chinese Academy of Forestry)  
Michele Morgante (University of Udine)  
Andrea Polle (University of Goettingen)  
Steve Strauss (Oregon State University)  
Marc Villar (INRA)  
Ian McIvor (New Zealand)  
Francisco Zamudio (Chile)  
Gail Taylor (UK)

### **Poplar Council Task Group**

Jim Richardson  
Jud Isebrands



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Orvieto, Italy

20-25 September, 2010



Hosts:

National Research Council (CNR) - Institute  
of Forest & Environmental Biology

University of Tuscia

Agricultural Research Council (CRA)