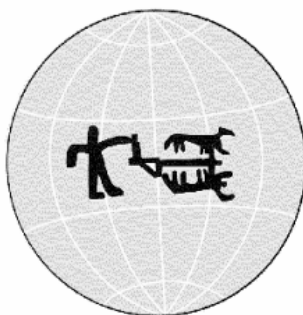


INTERNATIONAL SOIL TILLAGE RESEARCH ORGANIZATION

**MAGYAR TALAJMŰVELŐK TÁRSASÁGA**  
– HUNGARIAN BRANCH OF ISTRO --



Alapítva 1993 ápr. 30-án, Gödöllőn – **Founded in Gödöllő, 30 April 1993**

Nyilvántartásba vétel: Pest Megyei Bíróság TSZ 1/94 – **Registered by Court of Pest  
Megye, Nr.1/94**

Hungarian Branch of ISTRO was founded in Gödöllő on April 30, 1993.  
Board for the 2002-2007 term:

Chair: **Birkas**, Marta;  
Secretary: **Gyuricza**, Csaba;  
Treasurer: **Mezei**, Tibor

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[Gyuricza.Csaba@mkk.szie.hu](mailto:Gyuricza.Csaba@mkk.szie.hu)  
[Mezei.Tibor@gek.szie.hu](mailto:Mezei.Tibor@gek.szie.hu)

Branch currently has 47 members, 11 honorary members, and 2 Honorary Ltd. members.



Soil, plant, environment (photo: Birkás, M., 2006)

## Objectives of the Hungarian Branch

- Joining to ISTRO (founded in 1973) by actively adopting ISTRO Goals to develop expertise on soils, crops, and environment for the future of agriculture;
- Supporting scientific research on soil tillage and related fields (soil physics, soil and environment conservation, crop production, mechanization) and promoting the application of the results;
- Establishing and promoting contracts among scientific and practical experts;
- Presentation and discussion of soil tillage results at conferences and with demonstrations;
- Maintaining the traditions of soil tillage and related sciences, including the honour and appreciation of scientists, authors, farmers, and machine manufacturers and designers;
- Development of soil tillage and soil conservation, spreading knowledge, and training others based on new results;
- Moral and financial support for young scientists;
- Initiating and cooperating in scientific conferences and research projects on soil tillage and related fields;
- Publication in national and international journals and selecting special soil tillage issues;
- Popularization of ISTRO and Hungarian Branch activity.

## Honours received by Hungarian Branch of ISTRO

„Branch Achievement Award” in 1997 and 2006

(see pictures)



Pulawy, 1997



**Kiel, 2006**

## **Activities**

During the last 3 years, Hungarian Branch of ISTRO (HBI) Members have shown great activity in scientific research on soil tillage and on related fields (soil physics, soil and environment conservation, crop production, mechanization) and promoted the application of the results. They presented and discussed the results at national (235 presentations) and international (76 presentations) conferences, at soil tillage (52) and crop production (33) demonstrations and ploughing contests. Themes of the conferences were: soil quality, reduced tillage, soil conservation tillage, climatic extremes, water quality, crop quality, N-fertilization and leaching, environmental sound management, sustainable land use, GPS system, etc. Themes of the demonstrations were: conservation tillage, management under extreme climatic conditions, alleviation climatic harms, farming on dry and wet soils, crop (wheat, maize, sunflower, sugar beet) quality and developing steps. Although they honoured the advanced traditions in soil management, many new improving systems were elaborated. The new ideas and methods were published in textbooks, special issues of farmers' journals and leaflets. They provided help for farmers concerning the EU connection (Hungary has been a member of European Union from 1<sup>st</sup> May 2004). Most of the members have built very good scientific cooperative relations in Central and Western European and in the USA. The Hungarian Branch of ISTRO gives moral and financial support to young scientists, too. Other financial support was provided for honouring of the scientific activity of students and for organization of memorial conferences (e.g. for classic soil tillage authors).

Members of HBI are very active attending and managing periodical national conferences: Agricultural Engineering Conference (held in Godollo at Szent Istvan University, in January), Georgikon Scientific Days (held in Keszthely at Pannon University, in September), Ovar Scientific Days (held in Mosonmagyaróvár at West-Hungary University, in October) Innovation, harmony between science and practice in agriculture (held in Godollo or Debrecen, in every year).

Members of HBI were founded a special scientific conference namely **Alps-Adria Scientific Workshop**; the 5<sup>th</sup> workshop was held in March, 2006, and the next will be held in May, 2007, Obervellach, Austria. Six members attended at Soil-Agriculture-Environment-Landscape ISTRO Conference, held Czech Rep. Branch of ISTRO, in June, 2005, in Brno, Czech Rep.

Members of HBI have managed or cooperated in national scientific projects, e.g. Agroecology, Agro-Environmental Indicators, Climatic changes-Impacts-Reactions, Preparing for climatic changes – Environment-Risk-Society, Maize hybrids adaptability and yield stability, 4M-ECO – crop production system, Precision farming etc.

**Celebrations.** Three of our Honorary Members were celebrated in 2005: Josef **Antal** (87<sup>th</sup> Life-work Honour Medal and Author of the Year), Erno **Bocz** (85<sup>th</sup>, Life-work Honour Medal), Pal **Stefanovits** (85<sup>th</sup> Pro Universitate and Scientia). Member of HBI Gyorgy **Varallyay** (70<sup>th</sup>) honoured with Szechenyi Prize from the president of Hungary in 2005). In 2006 Janos **Nagy** honoured with Szechenyi Prize, and Marta **Birkas** honoured with Knight Cross Order of Hungarian Republic. Peter **Miko** (PhD student) honoured with Pro Scientia Golden Medal (2005) and achieved Szent Istvan Scholarship (2006).

### **Sponsors of Hungarian Branch of ISTRO**

- AGRIKON KAM Ltd. Kiskőrös (1996)
- University of Debrecen, Agricultural Sciences Centrum (1995)
- Research Institute of University of Debrecen, Karcag (1998)
- Szent István University Gödöllő (1993-2000)
- IKR Co. Bábolna (1995)
- KONGSKILDE A/S Hungary (1995)
- KSZE Co. Szekszárd (1995)
- KÜHNE Co. Mosonmagyaróvár (1995)
- SOIL CONDITION and CROP PRODUCTION Conference, Gödöllő (1998)
- SOKORÓ Agr. Machinery Ltd., Tét (1995)
- OMFB (1995) (1997)
- Vetőmag 95 Ltd. Budapest (1995 -2005)
- 2<sup>nd</sup> Workshop on SUBSOIL COMPACTION, Gödöllő, (2000)
- Birkás M. et al, Soil tillage in sustainable agriculture (book income, 10%, 2001-)

### **Sponsored by Hungarian Branch of ISTRO**

- National Scientific Student Conference, Agricultural Session, 1995 (Mezőtúr): 8.000 HUF
- National Scientific Student Conference, Environmental Management Session 1996 (Gödöllő): 8.000 HUF
- National Scientific Student Conference, Agricultural Session 1997 (Keszthely): 10.000 HUF
- National Scientific Student Conference, Agricultural Session 2001 (Sopron): 15.000 HUF
- Memorial Session of Cserháti Sándor, 2002 (Mosonmagyaróvár): 50.000 HUF
- National Scientific Student Conference, Agricultural Session 2003 (Kaposvár): 50.000 HUF
- Young scientists travel to ISTRO Conference, 2003. (Brisbane): 100-100.000 HUF: Pechmann Ildikó (Debrecen), Tóth Zoltán (Keszthely), Fogarassy Csaba (Gödöllő).
- Crop Production Day (2006, March) held in Mosonmagyaróvár: 100.000 HUF

### **Participation at ISTRO Conferences**

1994: **AALBORG** (Denmark): Birkás Márta, Jóri J. István

1997: **PULAWY** (Poland): Birkás Márta, Hoffmann Sándor, Jolánkai Márton, Jóri J. István, Kismányoky Tamás, Szabó Lajos ( G.), Tóth Zoltán, Várallyay György

2000: **FORTWORTH** (Texas, USA): Birkás Márta, Bocz Ernő, Jóri J. István, Kismányoky Tamás, Rátonyi Tamás

2003: **BRISBANE** (Australia): Birkás Márta, Fenyvesi László, Fogarassy Csaba, Jóri J. István, Megyes Attila, Pechmann Ildikó, Pepó Péter, Soós Sándor, Szente Márk, Tamás János, Tóth Gergely, Tóth Zoltán, Vass József

2006: **KIEL** (Germany): Birkás Márta, Farkas Csilla, Fenyvesi László, Huzsvai László, Jóri J. István, Megyes Attila, Rádics János, Rátonyi Tamás, Vass József

2009: **IZMIR** (Törökország):

Members of the Hungarian Branch of ISTRO may follow their scientific and educational activity in the future and are ready to get new challenges, too.

Annex 1.

Work places of the HBI members (47)

Agricultural Engineering College, Nyiregyhaza	2
Agricultural Engineering Institute Godollo	2
Corvinus University Budapest, Faculty of Horticultural Sciences	1
Debrecen University, Agricultural Sciences Centrum	10
Karcag Research Institute of Debrecen University	1
Karoly Robert College Gyongyos	1
Pannon University, Faculty of Agric Sci. 'Georgikon', Keszthely	4
Research Institute of Soil Sci. and Agrochemistry of HAS Budapest	4
Szent Istvan University Godollo, Faculty of Agricultural and Environmental Sci.	7
Szent Istvan University Godollo, Faculty of Engineering	1
Szent Istvan University Godollo, Faculty of Economy	3
Technical University Budapest	3
Tessedik Samuel College, Szarvas	1
West-Hungary University Faculty of Agr. Sci. and Food Mosonmagyaróvár	3
Agricultural firm	4

Annex 2.

**Members of Hungarian Branch of ISTRO (year of membership):**

Antos Gábor (93), Beke Dóra (04), Birkás Márta (89) (93), Blaskó Lajos (04), Farkas Csilla (05), Fenyvesi László (02), Fogarassy Csaba (02), Gyuricza Csaba (93), Hoffmann Sándor (96), Huzsvai László(03), Jolánkai Márton, (93), Jóri J. István (80, 93), Juhász Csaba (93), Kerekes Benedek (94), Kerényi György (04), Kismányoky Tamás (93), Kocsis István (93), László Péter (02), Megyes Attila (97), Mezei Tibor (93), Mikó Péter Pál (04), Nagy János (93), Neményi Miklós (93), Pechmann Ildikó (02), Pepó Péter (96), Percze Attila (93), Pető Károly (93), Pusztai Péter (93), Rádics János Péter (04), Rátonyi Tamás (97), Schmidt Rezső (97), Sinóros Szabó Botond (93), Soós Sándor (93), Szabó Lajos (Szarvas)(93), Szabó Lajos (Gödöllő)(93), Szalai Tamás (86), Szemők András (93), Szente Márk (02), Széll Endre (93), Szöllösi István (95), Tamás János (94), Tóth Gergely (02), Tóth Zoltán (96), Várallyay György (93), Vasa László (02), Vass József (02), Ujj Apolka (04).

**Honorary Members of Hungarian Branch of ISTRO:**

**Antal** József, **Bánhazi** János, **Bócsa** Ivan, **Bocz** Ernő, **Canarache** Andrei (RO), **Demo** Milan (SK), **Horvath** László, **Nyiri** László, **Sitkei** György, **Soane** Brennan (GB), **Stefanovits**, Pál.

**Honorary Ltd members of Hungarian Branch of ISTRO:** KUHNE Ltd. and IKR Ltd.