



Later the political significance of the town increased. It became the seat of princes and the cradle of the war of independence in the 17<sup>th</sup> and 18<sup>th</sup> centuries.

Since 1950 the castle has housed the Rákóczi Museum. The exhibitions give an authentic description of its history.

Within the walls of the outer fortress there were several significant medieval residential houses, parts of which are still visible.

With the ideas of the Reformation spreading rapidly, a Calvinist College was established in Sárospatak in 1531. By the end of the 16<sup>th</sup> century the school had gained strength, and since then it has played an important role in the history of the Hungarian Reformed Church, as well as the Hungarian education and culture.

Sárospatak became known as the “Athens on the bank of the river Bodrog” in the last century. In the light of the role it has played in the Hungarian culture, education and history, its past and traditional-bound present, the school town well deserves this denomination.

Sárospatak has preserved the structure and the major transportation routes of the medieval town. The present townscape bears the imprint of the architect Imre Makovecz, who designed a number of beautiful buildings such as the Culture House, The Árpád Vezér Secondary Grammar School etc.

Sárospatak was awarded the Hild medal in 1987, for the “mastery mix of traditional and modern” in town development.

The thermal bath of the town has 49 °C thermal water containing various minerals which offer effective treatment and aftercare for locomotor disorders and gynecological diseases.

## The Programme of CEOI 2005

	Contestants	Team leaders
<b>28 July</b>	Arrival. Sightseeing. Free time. Welcome Party.	Arrival. Sightseeing. Free time. Meeting of the Council of Team leaders.
<b>29 July</b>	Opening ceremony. Sightseeing. Games.	Opening ceremony. Sightseeing. Selection of tasks for the 1 <sup>st</sup> Competition Day.
<b>30 July</b>	Competition: 1 <sup>st</sup> Session. Cultural activities. Grill party.	Evaluation of the solutions. Decision to be made by team leaders.
<b>31 July</b>	A half-day trip. Free time.	A half-day trip. Free time. Sightseeing. Selection of tasks for the 2 <sup>nd</sup> Competition Day.
<b>1 August</b>	Competition: 2 <sup>nd</sup> Session. Free time. Games.	Evaluation of the solutions. Decision to be made by team leaders.
<b>2 August</b>	A half-day trip. Recreation.	A half-day trip. Decision on medallists. Meeting for the OC.
<b>3 August</b>	A half-day trip. Closing ceremony. Farewell Party.	A half-day trip. Closing ceremony. Farewell Party.
<b>4 August</b>	Departure.	Departure.



# The Organisers of CEOI 2005

## Who's who?

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## On-line information

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<i>http:</i>	<a href="http://ceoi.inf.elte.hu/">http://ceoi.inf.elte.hu/</a> , or
<i>http:</i>	<a href="http://olympiads.win.tue.nl/ioi/">http://olympiads.win.tue.nl/ioi/</a> (the IOI Secretariat)

## The Main Supporters of CEOI 2005



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<http://www.om.hu/>

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<http://inf.u-szeged.hu>

*Dr János Csirik, Dean*





# The Organiser



## John von Neumann Computer Society

<http://www.njszt.hu>

As a significant professional body and learned society in the Hungarian IT community, the John von Neumann Computer Society (NJSZT) is dedicated to preserving values that can be included in today's knowledge-based society as well as to setting new directions that meet the requirements of the age and to actively forming the IS world of the future.

**Mission statement** The John von Neumann Computer Society's mission is to preserve the values of the past as well as to influence the present and form the future.  
(Core purpose of the Society)

The Society is an independent forum committed to promote the following both in Hungary and Hungarian-speaking communities abroad:

- the study and practice of Computing and the dissemination of the results;
- maintaining the prestige of the profession as well as the highest standards and defining the standards of professional conduct;
- representing the profession and others engaged in IT on issues of importance;
- providing opportunities for its members for participating in the international community of IT specialists, disseminating information important to the advancement of knowledge in IS, promoting computer literacy and IT education.

**Scope of activities** The Society is a non for profit organisation, which provides services and promotes activities including:

- providing opportunities for its members to participate in the work of the IT community; trying to integrate students and young professionals in the work of the IT community; providing opportunities for networking within national and international organisations,
- assessing and preparing research, development, educational and training projects;
- giving professional advice, advising the Hungarian government, its agencies as well as business and social organisations on IT-related matters;
- preparing conceptions, studies and expert opinion;
- organising lectures, conferences, seminars, exhibitions and courses;
- organising study-tours both in Hungary and abroad;
- by announcing competitions and founding awards it acknowledges excellence;
- representing Hungary in national and international scientific organisations,
- spreading computer literacy, coordinating ECDL examinations.

*For more information see the homepage of the Society [www.njszt.hu](http://www.njszt.hu).*

# The Host

Árpád Vezér Secondary School and Students' Hostel

<http://www.arpad-sp.sulinet.hu/>

Árpád Vezér Grammar School and Students' Hostel of Sárospatak is one of the most modern institutions of secondary education in the north-east of Hungary.

Education started in this building of unique style in 1993. The school was designed by the famous Hungarian architect, Imre Makovecz. The institution was named after Árpád who was an outstanding personality of Hungarian history; he was the leader of the Hungarian conquest at the end of the 9<sup>th</sup> century. The emblem of our school calls up the memory of that era by representing a hair ornament with a tree of life on it. This tree of life symbolizes the strongest ties between past and future, tradition and modernity.

The most important aims of our education is to establish students' modern general culture, to improve their skills in modern acquisition of knowledge and to prepare them to go on to higher education. We also find it important to impart the scale of values in which respect for others, knowledge, creativity, fostering our national and cultural traditions and creating a nice atmosphere are all central issues.

In the years past we were improving our educational system raising it to a higher level, which has trebled the number of our students. This achievement is due to successful work and openness to reforms. Fusion with the students' hostel five years ago enriched our means of education.

In our educational system computer science, foreign languages and talent spotting are of high priority. Our students are successful at general competitions between schools in Hungary and fulfil the requirements of school-leaving exams, entrance exams to higher education institutions and language exams.

Besides lessons our students can attend study circles, sports circles and they can go on school-excursions to make their knowledge richer. In summer they can also go to camps for traditionalists or to talent spotting camps. The students may also take part in walking tours, cycling tours and tours on the River Bodrog taking use of the cultural traditions and the natural endowment of the region. The name of our school has become well-known both in Hungary and abroad. We have built up close relationship with English, French, German and Romanian schools by taking part in European projects. We also have twin schools abroad in the Uplands in Slovakia, in Sub-Carpathia in Ukraine and in Transylvania in Romania.

Our school is continuing the work of our great ancestors (Comenius, Kazinczy, Kossuth) to strengthen the fame of Sárospatak and to make it a real school-town.

We appreciate it very much that our institution together with the town can host to The 12<sup>th</sup> Central European Olympiad in Informatics.





## The Main Sponsors of CEOI 2005

### Microsoft Hungary

<http://www.microsoft.com>

Microsoft's mission is to enable people with great software to realize their full potential. As the worldwide leader in software for personal and business computing, Microsoft strives to produce innovative products and services that meet our customers' evolving needs. At the same time, we understand that long-term success is about more than just making great products.

#### Microsoft

In an industry that moves at lightning speed, innovation is critical to our competitiveness. Microsoft's long-term approach to research & development, combined with our constant efforts to anticipate customer needs, improve quality and reduce costs will enable us to deliver the best products and technologies.

As a leading provider of development tools and methods, we find it important to help young and talented students learning new and interesting programming techniques. We also make it possible for them to see the „.NET future” as we see it.

### CISCO Systems Magyarország

<http://www.cisco.com/hu/>

Cisco Systems, Inc. is the worldwide leader in networking for the Internet. Today, networks are an essential part of business, education, government and home communications, and Cisco Internet Protocol-based (IP) networking solutions are the foundation of these networks. Cisco hardware, software, and service offerings are used to create Internet solutions that allow individuals, companies, and countries to increase productivity, improve customer satisfaction and strengthen competitive advantage. The Cisco name has become synonymous with the Internet, as well as with the productivity improvements that Internet business solutions provide. At Cisco, our vision is to change the way people work, live, play and learn.



To help foster access to education and professional opportunities around the world, the company has founded the Cisco Networking Academy Program, dedicated to providing students with the education and resources they need to design, build, and maintain computer networks. By combining education and the Internet, Cisco Networking Academies help students around the world acquire the necessary skills for IT-related jobs and for higher education in engineering, computer science, and related fields-and ultimately, aid in the development of their countries and their local economies. Now in its sixth year, the program has more than 10,000 academies in 152 countries.

The Hungarian subsidiary of Cisco Systems Inc. came into operation in 1995. Today, with its 50 employees, Cisco Systems Hungary performs commercial, marketing and technical tasks in order to adapt and test the last technologies.