





Expression of Interest Nicolaus Copernicus University, Toruń, Poland





10th IFIP World Conference on Computers in Education, 2013







This expression of Interest in hosting the 10th IFIP World Conference on Computers in Education in 2013 (WCCE 2013) in Toruń, Poland has been prepared by the team:

Maciej M Syslo, professor of Mathematics and Computer Science

Nicolaus Copernicus University

University of Wroclaw

Member of IFIP TC 3 on Education

Jan Madey, professor of Mathematics and Computer Science

University of Warsaw, former Vice-Rector

Director of the Centre for Open and Multimedia Education, Uni. of Warsaw

President of EUNIS

Michał Śliwa, professor of Political Science and Pedagogy

Rector of the Pedagogical University of Krakow

President of the Council of Rectors of Pedagogical Universities in Poland

Member of the Political Science Committee, Polish Academy of Sciences

Anna Beata Kwiatkowska, teacher of informatics

Nicolaus Copernicus University

Middle and High Academic School at Nicolaus Copernicus University

Chairman of the Polish Information Processing Society

the Kujawsko-Pomorskie Branch in Torun

Barbara Kędzierska, professor of Pedagogy, Pedagogical University of Krakow Director of European Centre for Lifelong Learning and Multimedia Education

Member of the Scientific & Program Council IFIP AGORA

Member of the Regional Council for the Information Society, Krakow

Member of the Scientific Council, Malopolska Partnership for Lifelong Learning









Conference venue

We propose the Nicolaus Copernicus University Campus as the conference venue The campus is located 2 km from the city centre. It includes:

 The Assembly Hall for 1000 delegates, equipped with presentation media, 200-300 delegates may participate sitting in the foyer









- 6 10 lecture halls (for 150 300 delegates) equipped with media and presentation facilities in the buildings of the Faculty of Law and Administration and the Faculty of Economics – 200 m from the Assembly Hall
- Seminar rooms equipped with media and presentation facilities in both faculty buildings
- Poster exhibition area in both faculty buildings







Nicolaus Copernicus University





Polish Information Processing Society

- 10 15 computer labs in both faculty buildings which can be used for conference program presentations, individual and group activities, company presentations
- The University Center for New Technology in Education the Center will coordinate on-line presentations of all conference activities (lectures, workshops) and will record all activities
- Exhibition area in the foyer of the Assembly Hall and in both faculty buildings;
 also open air exhibitions are possible
- The new building of the Faculty of Mathematics and Computer Science, located near the Old Town, may be a wonderful place to organize special sessions and workshops for small groups (up to 300 participants) before, during and after the conference





 University dormitories with 400 rooms (estimated cost 25-35 Euro per night including breakfast)





- Free wireless Internet access on the campus, in all halls and dormitories
- Catering service (coffee breaks, lunches, receptions)
- Free parking lots for 200 cars







Toruń, the Copernicus City

Toruń is one of the most beautiful cities of Poland. Located on both banks of the Vistula River, at a site of intersection of ancient trade routes, it has been propagating its traditional openness to the world for nearly 800 years. The Gothic buildings of Toruń's Old Town, which won the designation of World Heritage Site from UNESCO in 1997, present proof of Toruń's centuries-old economic, cultural and intellectual ties with the leading cities of Europe associated in the Hanseatic League.



People say: "Beautiful Toruń...".. and are perhaps right. Because here they can witness the layout of streets of Toruń Old Town, which has not been changed for centuries, the most beautiful Polish panorama of the illuminated medieval part of the, Nicolaus Copernicus birth house – the famous son of Toruń, silent arches of the Cathedral, where the great astronomer was baptized, The Town Hall of unique beauty, whose courtyard remembers the "Toruń Mutiny" drowned in blood in 1724. Toruń, as all cities with rich history, has its own magical places. Tourists and citizens of Toruń point at spacious Philadelphia Boulevard, whole area of the Old Town Market, and the Dream Valley hugging the Old Town. Parts of Toruń's climate are also traditional meetings near the Rafter's Monument, playing his fiddles for the frogs and Nicolaus Copernicus, who "stopped the Sun and moved the Earth". When sightseeing in the home city of the great astronomer, hundreds of thousands of spectators find it a natural thing to attend a spectacle in the Planetarium.









The campus is about 2 km from the city centre, where most hotels are located. Free access to Internet is provided in the City Centre and in all hotels.









Transportation

Special taxi and bus service will be provided by the city for conference delegates.

Toruń can be easily reached by train and by car, and also by plane and then by train, car or bus, from all major international airports in Europe and in Poland.

Airports:

Bydgoszcz, Ignacy Jan Paderewski Airport 50 km
Poznań-Ławica, Henryk Wieniawski Airport 150 km
Gdańsk, Lech Wałęsa Airport 152 km
Warsaw, Frederic Chopin Airport 222 km



Special bus and taxi service between the airports and Toruń will be provided by the organizers.

Accommodation

University dormitories on the campus – 400 rooms (estimated cost 25-35 Euro per night including breakfast)

Hotels in Toruń (*** to *****) may accommodate more than 1500 delegates.







Estimated costs

as of October 2010:

• Conference fee 400-500 Euro

Includes: attendance at conference sessions, company exhibition admission, morning and afternoon tea/coffee, lunch, welcome reception, conference dinner

There will be various fees for: Early Bird, Presenter, Non-presenter, Student, Company personnel, Accompanying person, One-day participation

Hotel rooms (*** to *****)
 Dormitory rooms
 25 – 35 Euro (with breakfast)

City transportation1 Euro/trip

Airport transfer
 20 Euro – 60 Euro

All University facilities on the campus will be provided either free or at reduced costs.

The Kujawsko-Pomorskie Government, The city of Toruń and the Nicolaus Copernicus University understand both the educational and social value that international conference WCCE 2013 will bring to Toruń, to the region and to Poland, and are very keen for Toruń and its University to host this conference – see the attached letters of intent (support). The grants for subsidizing the conference are expected and declared from the University, city, regional and state governments.

We expect also support from IT companies, local and international – two support letters from Pearson and Intel are included in the attachments.







WCCE 2013 in Toruń

We are convinced that Toruń with its unique romantic atmosphere and the campus of the Nicolaus Copernicus University are perfect places for hosting the 10th WCCE in 2013 which will celebrate the TC3 50th Anniversary.

A high quality scientific content of WCCE 2013 program will be ensured by a competent International Program Committee appointed by IFIP (TC3). The conference program may also benefit from local contributions which may result from the following activities in the area of computers in education:

- historically, first regular computer classes were held in high schools in Poland in mid 60' – Poland has a long tradition of introducing school students to computer science, programming and informatics, and also to using technology as a educational tool
- recently (at the end of 2008), a new National Curriculum has been introduced according to which technology and informatics are taught as separate subjects through all years in schools; additionally, technology is a part of all subjects as an integral part as well as a tool
- the curriculum of informatics for all students in the National Curriculum has been based on "computational thinking" approach
- new technology standards for teachers have been published by PIPS (PTI), which focus mainly on how teachers can help school students to use technology to enhance their learning and creativity
- all Pedagogical Universities in Poland introduce new technology standards for teachers to equip all future teachers with the knowledge and skills described in the standards
- new educational environments, such as educational platforms and interactive technology have been introduced to schools
- school students from Poland are very successful in IOI and in other individual and group computer competitions, thousands of school students take part in the International IT and Informatics Competition "Beaver"

The idea of organizing WCCE 2013 in Poland is strongly supported by two IT companies, Intel and Pearson (see the attached letters). They wrote:

Pearson: ... it (WCCE 2013) will be a great chance to both support ongoing development there and learn from quite unique practice there. Pearson working in this area has always experienced lots of enthusiasm from both teachers and school administration.



educational authorities in the whole region.





Intel: It is especially important to have such a learning exchange here in Poland – there are many programs aimed to improve education in place and in the other countries in the region which have accessed the European Union within the last couple of years. We are convinced that the WCCE 2013 will bring benefits for

We are sure that the program of WCCE 2013 and also the venue of the conference will attract participants from all over the World – from Asia and America, Australia and Africa, and from whole Europe, coming from IFIP circles as well as from schools, universities, and educational institutions which work on improving achievements of our kids in using technology in education and in preparation for a successful life in the modern era – knowledge based society. To attract international delegates from various regions and from various circles, information about WCCE 2013 will be disseminated among members of working groups on IT and CS education in major international organizations (e.g. ACM, IEEE, ISTE) and among participants of conferences on computers in education. (e.g. ISSEP, BETT).

The Local Organizing Committee will consists of members who have proved skills and capabilities to run such kind of events as WCCE by successful organization of a number of national and international events in the past, for instance:

- Maciej M Sysło has run for 20 years Annual National Conference "Informatics in Schools" attended by 300 – 700 teachers and education policy makers; he has also organized International Conference ISSEP in 2008 (informatics and computers in secondary education); and also international conferences on graph theory and combinatorics – some of these national and international conferences were organized by the University in Toruń
- Anna Beta Kwiatkowska runs Annual National Conference "Informatics in Education" at the University in Toruń attended by 250 – 300 teachers.
- Jan Madey is involved in EUNIS and he has organized EUNIS Congress in Warsaw in 2010
- Barbara Kędzierska has organized in Kraków two meetings of the IFIP Agora Initiative on Lifelong Learning and in the past she has organized national conferences of technology in teacher preparation

There is a very active computing community at the University of Toruń, which is open to new ideas and events and we may count on their professional help.

All major local authorities are eager to host WCCE 2013 in Toruń: The Rector of the Nicolaus Copernicus University, The President of Toruń, The Marshal of the Kujawsko-Pomorskie Region – their supporting letters are included as attachments. Also, The Polish Academy of Science, which is the IFIP Member for Poland, and The Polish Information Processing Society, the largest computer society in Poland, support the idea of organizing WCCE in Toruń in 2013 – see their letters in the attachments.







Special events

During the Conference a **National day** (one or two) for teachers from Poland will be arranged and some experts attending the Conference will be invited to deliver special lectures.

As a part of a social program (reception) we plan to invite **Rafał Blechacz**, the winner of the 15th Frédéric Chopin International Piano Competition in Warsaw (October 2005). Also all the special prizes of the Competition went to him: Polish Radio Prize for the best performance of mazurkas, Frédéric Chopin Society Prize for the best performance of polonaise, National Philharmonic of Poland Prize for the best performance of concerto, and Krystian Zimerman sponsored Prize for the best performance of sonata.

Exhibition of old mechanical calculating machines will be co-organized with the National Museum of Technique from Warsaw.

Attachments:

Event Request Form (IFIP)

Letters of intent (support):

The Polish Academy of Science (the IFIP Member for Poland)

The Rector of the Nicolaus Copernicus University in Torun

The Polish Information Processing Society

The President of Toruń

The Marshal of the Kujawsko-Pomorskie Region

The Rector of the Pedagogical University in Krakow

Pearson Education Platforms

Intel



Prezydent Miasta Torunia

Toruń, 3 September 2010

Prof. dr hab.
Maciej M. SYSŁO
Faculty of Mathematics and Computer Science
Nicolaus Copernicus University

Dear Professor Sysło,

It is with great appreciation that I have learned about the offer directed to you to organize in Toruń in 2013 the tenth IFIP World Conference on Computers in Education (WCCE 2013). I would like to congratulate professor Sysło on receiving this distinction, and express my thanks to the International Federation of Information Processing, the governing body of WCCE, for the trust put in professor Sysło, Nicolaus Copernicus University and Polish Information Processing Society.

I hereby confirm the highest scientific and organizational standards of the parties that are to organize the 10th World Conference on Computers In Education w 2013, including the Faculty of Mathematics and Computer Science at the University of Nicolaus Copernicus in Toruń. They are prestigious centers of science and academic education in Poland and they possess tremendous experience in organizing international conferences.

I can assure the authorities of the International Federation of Information Processing that in 2013 Toruń will share with the participants of 10th World Conference on Computers in Education all its cultural and human potential and present to you a city which boasts being a UNESCO World Heritage Site, a home town of Nicolaus Copernicus and one of the most popular tourist destinations in Poland.

We invite you to Toruń!

With regards,

Mayor of the City of Toruń

Michał Zaleski



MARSHAL OF THE KUJAWSKO-POMORSKIE REGION

Piotr Całbecki

Toruń, 8 September 2010

LETTER OF INTENT

At this year's meeting of Technical Committee 3 on Education (TC3) operating within a framework of International Federation of Information Processing (IFIP), a proposal of organising in 2013 in Poland 'World Conference on Computers in Education' (WCCE 2013) was submited. Maciej M Syslo PhD representing a Faculty of Mathematics and Computer Science of the Nicolaus Copernicus University, who was present at the TC3 meeting accepted the proposal as a great distinction for our country and declared to prepare an application in this case to IFIP. Because the Kujawsko-Pomorskie Region is conducting the largest investments in Poland in the field of popularisation of computers and information technologies in education covered from EU funds, the Board of the Kujawsko-Pomorskie Region declares its full support and undertaking actions leading to realisation of this important event in the Kujawsko-Pomorskie Region. As soon as the application is accepted by the IFIP and the right to organise WCCE 2013 is granted, we will commence the cooperation with the Conference Organisational Committee in order to assure the efficient organisation of the entire project in the town of Toruń and in our region.

I appoint Mr Ryszard Ruminski, the Director of the Information Society Department in the Marshal's Office of the Kujawsko-Pomorskie Region in Toruń for further contacts in any cases relating to the conference.

Onlow.



POLISH ACADEMY OF SCIENCES THE GDAŃSK BRANCH tel./fax +48 58 341 73 78 +48 58 341 90 15 e-mail: office@opan.gda.pl

Gdansk, 10th Sept, 2010

To whom it may concern

The Polish Academy of Sciences (PAS), the IFIP Member for Poland, strongly supports the Polish Information Processing Society (PIPS) and the Nicolaus Copernicus University in Toruń in their interest in organizing the 10th IFIP World Conference on Computers in Education (WCCE) in 2013 in Toruń.

The Polish Information Processing Society was founded in 1981. The objectives of the Society include popularization of informatics and specific IT applications among the general public, enhancing its members knowledge and professional ethics and similar influence on other individuals active in IT-related areas as well as representation of the Society members, their opinions, needs, interests, and rights in relations with the public, with the local and central government and with other associations in Poland and abroad.

The Society achieves its objectives through ongoing educational activities by organizing courses, conferences, lectures, exhibitions, domestic and foreign study trips, technology shows, competitions, also by popularizing the areas of knowledge covered by the Society's official range of activities. It also organizes congresses, conferences and other scientific and technological events, both in Poland and abroad. The PIPS has also some achievements in introducing computers to schools in Poland and in designing strategies for further development of computer science and information technology in Poland.

The Nicolaus Copernicus University in Toruń, especially its Faculty of Mathematics and Computer Science, is one of the most active tertiary education institution in Poland involved in running ICT education projects addressed to general education at all levels – primary, secondary, and tertiary, as well as in-service training of teachers and enterprise workers.

We are convinced that the 10th IFIP World Conference on Computers in Education organized in Toruń by the Polish Information Processing Society and the Nicolaus Copernicus University will be a very successful meeting of teachers, education officials and decision makers as well as computer companies from Poland and coming to Poland from various places in the World.

Sincerely yours



PEDAGOGICAL UNIVERSITY OF CRACOW

ul. Podchorążych 2, 30-084 Kraków

tel. 48 12 662 6000, fax 012 637 2243

Letter of intent

To whom it may concern,

Pedagogical University named after The National Commission of Education is the largest and for many years has been, according to official rankings, the best academy in Poland for preparing teachers to meet the standards imposed in a globalised world. For 65 years, several generations of the academy's staff has been serving the Polish education system well, attending to the preparation of graduates, in so far as the meritorical and pedagogical issues are concerned.

The majority of its 80 thousand graduates work in educational establishments as teachers and class masters, some have even attained higher positions such as school directors, professors, and even university rectors and ministers.

Nowadays, operating within the European Higher Education Area, alongside universities from over 40 countries of our continent, the Pedagogical University in Kraków is trying to prepare the graduates in the domains accordant to the labour market needs, shaping their key and professional competence, enabling autonomous activities in emerging information and knowledge society.

Modern education requires full integration of information and communication technology in the didactic process as well as modern, adjusted to technological conditions, methods and forms of teaching. The coordinator of these transformations in our University is the European Centre for Lifelong Learning and Multimedia Education; it pursues varied initiatives in the field of formal, out of formal and informal education aiming to accommodate our University education assumptions established by the Bologna Process and the European Concept of Lifelong Learning.

In order to synergistically increase the effectiveness of our actions, The Pedagogical University has been participating in many nationwide and international projects concerning common activities, research and development projects, under which i.a.:

- we work out forms of cooperation between universities and the labour market, which allows us to work with the employers and organise classes within some faculties,
- we shape and develop the competence of academic teachers and administration staff supporting the scientific and didactic process.
- we offer courses, trainings, workshops, seminars and conferences which are open to the community outside the university. The aim is to acquire and develop competence which are the key to social and professional activity.
- we cooperate with the regional and the country authorities in order to disseminate the educational offer which is accordant to the need of lifelong learning

We are able to ensure you that representing the educators and the teachers, both participants and organizers of the 10th World Conference on Computer in Education, we will actively participate in working through the foundations allowing to synergistically accelerate the process of adjusting the contemporary education to economic, technological and social conditions.

Prof. dr hab Menał Śliwa

Uniwersytet Mikołaja Kopernika w Toruniu



Toruń, 10th September 2010

Letter of intent

Nicolaus Copernicus University took a great pleasure of being informed about the possibility of organizing the 10th World Conference on Computers in Education in 2013. Our University is dynamically developing the use of the latest technologies in stationary education and elearning. Furthermore, within the Faculty of Mathematics and Computer Science there is a very active unit, Department of Computer Science and Information Technology Education, which is headed by a well-known expert in this field, Professor Maciej M. Sysło. The Department deals with a comprehensive use of new technology in school education and in the preparation of teachers to use technology in the classroom. Our University provides information technology classes in schools and carries out many educational projects both in our region and different parts of Poland. Professor Sysło's team has a great experience in organizing national and international conferences dedicated to the application of technology in education. Our University has already hosted large scientific events for 1000 up to 1500 participants.

The main University campus is the location of the Assembly Hall, the seats of many faculties and the dormitories for students and assistants. The Assembly Hall, which also functions as a concert hall and a screening room, has a capacity of one thousand. Its foyer may hold another 300 up to 500 sitting participants and it is also used as a space for stands and company presentations as well. The two buildings of the Faculty of Law and Administration and the Faculty of Economics offer 6 big lecture halls, small seminar rooms and vast exhibition space. There is a wireless connection to the Internet in the campus. Large events organized in the campus are provided with on the spot catering service. Additionally, an agreement with the authorities of the City of Toruń enables to organize a special communication between the campus and the Old Town with its hotels.

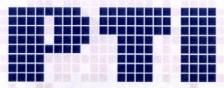
We are deeply convinced that the main University campus meets all conditions necessary to organize the 10th World Conference on Computer in Education. Besides, the new building of the Faculty of Mathematics and Computer Science, which is located near the Old Town, may be a great spot to organize special sessions and workshops for smaller groups (up to 300 participants) before, during and after the conference.

We would like to add that Toruń with its Old Town is a charming place to spend time during the conference, and especially in the evenings.

We do hope that our offer of organizing the 10th World Conference on Computer Science in Education will gain recognition within the group of people who are in charge of taking decisions in IFIP.

Rector of Nicolaus Copernicus University

Professor Andrzej Radzimiński



POLSKIE TOWARZYSTW

Zarząd Główny, al. Solidarności 82A m. 5, 01-003 Warszawa, tel.: + 48 22 838 47 05, tel./fax: + 48 22 636 89 87, e-mail: pti@pti.org.pl, www.pti.org.pl
Adres korespondencyjny: ul. Puławska 39 lok. 4, 02-508 Warszawa

M. M. Systo

To whom it may concern

The Polish Information Processing Society (PIPS), in partnership with the Nicolaus Copernicus University in Toruń, expresses interest in organizing the 10th IFIP World Conference on Computers in Education (WCCE) in 2013 in Poland.

The Polish Information Processing Society was founded in 1981. The Society achieves its objectives through ongoing educational activities by organizing courses, conferences, lectures, exhibitions and technology shows, study trips, competitions for students, also by popularizing the areas of knowledge covered by the Society's official range of activities.

The PIPS has been also active in designing school microcomputers and first informatics curriculum (in 1985) as well as in working on strategies for further development of computer science and information technology education in Poland. The objectives of the Society include also popularization of informatics and its applications among the general public and enhancing its members knowledge and professional ethics. It represents the Society members, their opinions, needs, interests, and rights in relations with the public. with the local and central government and with other associations in Poland and abroad.

Our partner, the Nicolaus Copernicus University in Toruń, especially its Faculty of Mathematics and Computer Science, is one of the most active tertiary education institution in Poland involved in ICT education addressed to general education at all levels as well as to in-service training of teachers and enterprise workers. The most active branch of our Society has been established at the University of Toruń.

We would like to assure that the Polish Information Processing Society in cooperation with the Nicolaus Copernicus University is able to take responsibility for organizing the 10th IFIP World Conference on Computers in Education organized in Toruń and make it a very successful meeting of teachers, education officials and decision makers as well as computer companies from Poland and coming to Poland from various places in the World.



Warsaw, 19 October 2010

Prof. dr hab.

Maciej M. Sysło

Faculty of Mathematics and Computer Science

Nicolaus Copernicus University, Toruń

Dear Professor Sysło,

I find it a great idea to have IFIP World Conference on Computers in Education organized in Poland in 2013. Intel believes that this conference will be a great opportunity to support both – educational and economical transformations which are currently happening in Poland and other Central and Eastern European Region countries.

We are really excited about the possibility of sharing best known methods and experience of attendees from all over the world during the conference. It is especially important to have such learning exchange here in Poland - there are many programs aimed to improve education in place, also in the other countries of the region which have accessed European Union within the last couple of years. We are convinced that the IFIP World Conference will bring benefits for educational authorities and the IT industry in the whole region.

Nicolaus Copernicus University in Toruń is a perfect place to organize an educational conference in Poland. They have proved their skills and capabilities to run this kind of events by successful organization of a number of educational congresses in the past. Intel had the honor to participate in some of them.

Yours Sincerely,

Tomasz Szwoger-Lettecki

Member of the Board

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TO WHOM IT MAY CONCERN

PEARSON EDUCATION PLATFORMS IS A PART OF PEARSON CORPORATION THAT IS RESPONSIBLE FOR DELIVERING ELECTRONIC SUPPORT FOR EDUCATION IN ALL ITS VARIOUS FORMS.

WE SPEND MANY RESOURCES ON EXPLORING MARKET EXPECTATIONS AND SEE CENTRAL AND EASTERN EUROPE AS ONE OF THE PROMISING AREAS, WHERE MAJOR DEVELOPMENT IN USING COMPUTERS IN EDUCATIONS IS UNDER WAY.

WE WELCOME AN IDEA OF ORGANISING MAJOR INTERNATIONAL CONFERENCE ON COMPUTERS IN EDUCATION IN POLAND - AS IT WILL BE A GREAT CHANCE TO BOTH SUPPORT ONGOING DEVELOPMENT THERE AND LEARN FROM QUITE UNIQUE PRACTICE THERE. PEARSON WORKING IN THIS AREA HAS ALWAYS EXPERIENCED LOTS OF ENTHUSIASM FROM BOTH TEACHERS AND SCHOOL ADMINISTRATION.

WE WILL BE INTERESTED IN USING POSSIBLE EVENT IN TORUN AS A OPPORTUNITY TO PRESENT OUR SOLUTIONS FOR BOTH POLISH AND INTERNATIONAL AUDIENCE AND WILL CONSIDER A SPONSORSHIP AGREEMENT.

T. Bil