

ȘCOLI DE VARĂ SUMMER SCHOOLS ÉCOLES D'ÉTÉ

2007

BBU's summer schools have **attracted** students from all over the world not only because of their outstanding academic reputation, but also for the excellent opportunity they offer students of **having** a hands-on experience of research in various fields.

The intercultural dimension provided by the summer programs has become one of the most rewarding features of the students' learning experience.

Come to BBU for an unforgettable learning experience and discover the vibrant student life in Cluj!

Economic and Political Transition in Central and Eastern Europe, 7th edition

4-15 June 2007, Cluj-Napoca

Organizer: James Madison College, Michigan State University, USA

Partner: Faculty of European Studies

Contact persons:

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Description: The summer school is organized by James Madison College, Michigan State University and the Faculty of European Studies. The summer school is designed for undergraduate students from MSU with an interest in political science, international relations, political theory and cultural transition. It offers a program of interactive lectures at the Faculty of European Studies. Key themes will be the political and economic and cultural aspects of post-communist transition and the challenge of designing policies to address the region's problems.

Estimated number of participants: 15, USA

Strategies in didactic communication

11 – 17 June, 2007, Sâmbăta, Sibiu county

Organiser: Department for the Didactics of the Humanities and Social Sciences

Contact person: Lecturer Vasile Timiș, Ph.D.

International Summer Courses of Romanian Language and Civilization, 36th edition

8 – 29 July, 2007, Cluj-Napoca

Organisers: Centre for International Cooperation, together with the Faculties of Letters, History and Philosophy, Political, Administrative and Communication Sciences, Geography, Biology and Geology, Physical Education and Sport.

Contact person:

Corina Todea,

Centre for International Cooperation, Babeş-Bolyai University, 7 Pandurilor St., RO - 400376

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Our goal is to guide your steps in the world of Romanian language and to familiarize you with our academic, cultural and social environment.

Every year representatives of over than 15 countries attend the course and, to our joy, there were participants who came to the Babeş-Bolyai University for the second, third or fourth time. In 2006, for example, we welcomed 53 participants coming from 22 countries: Belgium, Bulgaria, the Czech Republic, South Korea, Finland, France, Germany, Great Britain, Greece, Ireland, Italy, Israel, Macedonia, Poland, Portugal, the Russian Federation, Serbia and Montenegro, Slovenia, Spain, Sweden, Switzerland, USA.

The International Summer School is open to everyone who is willing to learn about Romania and the Romanian language. A blend of didactic activities and social events makes the approach enjoyable. Students have the opportunity to discover the past and present of Cluj-Napoca and Transylvania, to visit the Botanical Garden and several museums, to see Romanian movies and attend Romanian folk-dance classes. Also, the programme allows students the possibility to share ideas and their experience within several workshops and lectures concerning interesting topics on Romanian culture and civilization.

As the main administrator of the summer school, the Centre for International Cooperation takes care of all aspects related to board and lodging, academic and leisure activities.

Language

All teaching for the summer courses is in Romanian. Participants will have Romanian language tests in order to be assigned to one of the four studying groups: beginner, intermediate (1 and 2) and advanced levels. At the end of the course all participants are granted a certificate of attendance and also ECTS credit points: 3 for the first three levels and 4 for the advanced group.

Critical Point Theory and Applications

9 – 13 July 2007, Cluj-Napoca

Organizers: The Chair of Geometry (Department of Mathematics) and the Chair of Differential Equations (Department of Applied Mathematics)

Speakers: Assoc. Prof. A. Kristaly Ph.D. (Babeş-Bolyai University), Prof. W. Marzantowicz Ph.D. (Poznan University), Prof. S. Tersian Ph.D. (Ruse University), Prof. N. S. Papageorgiou Ph.D. (Athens University), Prof. R. Precup Ph.D. (Babeş-Bolyai University), Prof. B. Ricceri Ph.D. (Catania University), Prof. Cs. Varga Ph. D. (Babeş-Bolyai University).

Main organizer and contact person: Prof. Varga Csaba Ph.D., E-mail: csvarga@cs.ubbcluj.ro

Branding Romania – Branding Cluj

9-15 July 2007, Cluj-Napoca

The summer school BRANDING ROMANIA – BRANDING CLUJ will present the current stage of the branding process for Romania and for Cluj as tourist destinations. Under debate will be the common elements – compared with the main competitors in the region. The elements of differentiation would also be analyzed, and the ways in which they could be used to transform Romania and Cluj in desirable tourist destinations.

Participation fee: 150 EUR

Language: English

Contact person: Lecturer Smaranda Cosma, Ph.D., phone: +40 264 599170;

email: smaranda@tbs.ubbcluj.ro

The “Lingua” Center International Summer School: Romanian Language and Central European Civilization, 9th edition

10-31 July 2007, Cluj-Napoca

Organized by:

The “Lingua” Center of the “Babeş-Bolyai” University

Partners:

Arizona State University (SUA)

Director:

Associate Professor Delia MARGA, Ph.D. (dmarga@econ.ubbcluj.ro)

Contact person:

Assistant Lecturer Dana Feurdean (dana_feurdean@yahoo.com)

The “Lingua” Center of the Babes-Bolyai University runs the three-week International Summer School of “Romanian Language and Central European Civilization”, where international students have the chance to improve their Romanian language skills and learn new things about the culture and civilization of the region. There are many exciting workshops, trips and courses being offered in 2007, including courses on, Jewish Studies, Post Totalitarian Studies, Religion in East-Central Europe and Communication.

For more information please visit our website at:

<http://www.econ.ubbcluj.ro/lingua>

Workshop and First Transylvanian Summer School on Complex Systems and Networks

15-20 July 2007, Sovata (Mures county)

Organisers:

- University of Notre Dame, Department of Physics (USA)
- Collegium Budapesta, Institute of Advanced Studies (Hungary)
- Babes-Bolyai University, Department of Computational and Theoretical Physics (Romania)
- Sapientia EMTE – University (Romania)
- The Hungarian University Federation of Cluj – Workgroup of Interdisciplinary Computer Simulations
- UNESCO

This workshop and summer school is a highly interdisciplinary meeting focused on complex problems from physics, mathematics, economics, biology, sociology and computer science where the nowadays fashionable network and computer simulation approaches are important. The aim of the summer school is to disseminate the advantages and modern results of network theories and computer simulation methods. Many concrete examples and applications in widely different areas will be presented, new and interesting research topics will be proposed to interested PhD or master students or young researchers in the field. Opportunities for participating in interdisciplinary scientific collaborations will be given to the participants. Our aim is to bring together the most prominent specialists from this fascinating and modern research field.

Contact person: **Prof. Neda Zoltan**, Ph.D., Babeş-Bolyai University, Faculty of Physics

E-mail: zneda@phys.ubbcluj.ro

Romanian Capital Market and the Accession to the European Union

16-22 July 2007, Cluj-Napoca

The summer school Romanian Capital Market and the Accession to the EU has the following goals: to present the Romanian capital market evolution, the legal framework and the potential for development.

Participants will have a good opportunity to know more about the investment alternatives offered by the Romanian capital market, and to compare these alternatives with other European capital markets. The possibility of some alliances with other capital markets from Central and Eastern Europe will also be under scrutiny.

Participation fee: 150 EUR

Language: English

Contact person: Prof. Cornelia Pop, Ph.D., phone: +40 264 599170; email: cpop@tbs.ubbcluj.ro

New Tendencies in Science Didactics – 5th Edition: „Teaching and learning in the Didactics of Sciences. Theories, researches and models”

16-22 July 2007, Cluj-Napoca

Organizer: Teacher Training Academic Department, Faculty of Psychology and Science of Education, Babes-Bolyai University

Location: Pedagogica Building, 7 Sindicatelor Street, Cluj-Napoca

Contact person:

Dr. Liliana CIASCAI, phone/fax: +40 264 597000, mobile: +40 723 87 32 08

e-mail: lciascai@staff.ubbcluj.ro

The summer school „Teaching and learning in the Didactics of Sciences. Theories, researches and models” is the fifth edition of the Summer School organised by the Teacher Training Academic Department of Babes-Bolyai University. Its aims are:

- a) to change the understanding of teaching and learning process in the field of Science Didactics, at university and pre-university levels;
- b) to develop some new models of teaching and learning activities, based on the latest research in the fields of Psychology, Pedagogy and Specialty Didactics;
- c) to improve and enrich the participants competencies by the learning experiences offered by the specialists and methodologists involved in the Summer School activities.

The format of the course combines lectures, discussions and workshops, all activities being organized to ensure a high level of active participation.

The participants are from Babes-Bolyai University and other universities and pre-university institutions in Romania: Bucharest, Iasi, Pitesti, Oradea and Timisoara. Among the guests there are methodologists and specialists in the field of foreign prestigious university in: Belgium, France, Germany, Hungary and Republic of Moldavia.

The total amount of activities spans more than 40 hours

Number of participants: 30 participants

The Lăpuș Valley Seminar in Philosophy, 12th edition

16-29 July, 2007, Cluj-Napoca

Organiser: Department of Philosophy

Contact person: Assoc. Prof. Alexander Baumgarten, Ph.D., E-mail: alexbaum7@web.de,
phone: +40 264 241047

Organized since 1995, the *The Lăpuș Valley Seminar in Philosophy* takes place each year in the marvelous valley of the Lapus River, at the entry of the Lapus Gorge. The seminar is open to students in philosophy and the social sciences, and participation is free. Details on the web site

Recent Advances in Computer Aided Geometric Design

July 2007, Cluj-Napoca

Organizer: Prof. Marian Mureșan Ph.D. (Chair of Analysis and Optimization, Department of Mathematics)

Contact person: Prof. Marian Mureșan Ph.D., E-mail: mmarian@math.ubbcluj.ro

Participants from the member universities of the "Center of Excellence for Applications of Mathematics" (financial support from DAAD) : Institute of Mathematics of the Bulgarian Academy, University of Plovdiv, University of Novi Sad, University of Nis, University of Blagoevgrad, University of Skopje, University of Sarajevo.

Speakers: Prof. H. Gonska (Duisburg University), Prof. M. Mureșan Ph.D. (Babeș-Bolyai University)

Identity – Nation – Nation-building

16-30 July 2007, Cluj-Napoca

Since 2004, diverse regional, national and European comparative aspects of the issue of national identity, as well as the challenges of national minorities in the age of globalization, are addressed every year in a two-week summer school organized in cooperation with Rostock University.

By common accord, the annual event is hosted alternatively by Rostock University and Babeș-Bolyai University, the latter venue being the picturesque and cosy Arcalia castle.

Prestigious academics, researchers, and students communicate ideas and share experiences and the results of their scientific endeavours in the field. Abstracts and conclusions of the debates are published in the Rostock University Yearbook.

Organiser: Babeș-Bolyai University Cluj-Napoca, Rostock University, Germany

Contact person:

- Assoc. Prof. Rudolf Gräf, Ph.D. Faculty of History and Philosophy, Tel. +40 264 405326, e-mail: graf_1@yahoo.com
- Ioana Florea, Centre for International Cooperation, Babeş-Bolyai University, 7, Pandurilor St., RO-400376 Cluj-Napoca, Romania, Phone: + 40 264 429 762, fax: + 40 264 429755, e-mail: iflorea@staff.ubbcluj.ro
Website: www.cci.ubbcluj.ro

Traductologie et ecriture theatrale

July 2007, Arcalia (Bistrita County) and Cluj-Napoca

Summer School 2007, organized by the Faculty of Theatre and Media Studies, in collaboration with the Modern Applied Languages Department, of the Faculty of Letters, Babes-Bolyai University

Title: "Traductologie et ecriture theatrale"

Department: Theatre, The Faculty of Theatre and Media Studies, in collaboration with The MAL Department of The Faculty of Letters

Partners: Université de Nantes (Departments: Theatre and Multimedia)

The main purpose of this Summer School is to set the basis for a future interuniversity collaboration with Université de Nantes, within a programme of "Joint master" : Projet de la Maison Universitaire Europeen (pratique theatrale multilingue et activite de surtitrage)

Activities: Lectures, performances and theatre-based workshops for the students, as well as round tables with the participation of professors in MAL and Theatre Studies

Contact person: Assoc. Prof. Anca Maniutiu Ph.D. Faculty of Theatre, (am_manituiu@yahoo.com)

Assoc. Prof. Laura Pavel-Teutisan Ph.D. Faculty of Theatre, (laurapavel@yahoo.com)

Leisure activities for children and youth

15 June – 15 September 2007 with one week modules, „Dr. Iuliu Hațieganu” Sports Park, Cluj-Napoca

The summer school is organized in collaboration with:

- Palestra center
- Faculty of Physical Education and Sport, Babes-Bolyai University

The summer school includes two age categories:

- 7-12 years old
- 13-15 years old

All the activities take place within the „Dr. Iuliu Hațieganu” Sports Park between 9 a.m. and 5 p.m. as it follows:

- leisure activities
- hot meal
- resting period
- leisure activities
- meeting with the parents

Objectives:

- forming a healthy lifestyle
- how to integrate physical activities in the environment

Contact person: Assoc. Prof. Melania Câmpeanu Ph.D.

e-mail: ubbpalestra@yahoo.com

Phone: +40 747 103493

Romanian Orthodox Spirituality

2 – 14 September 2007, Cluj-Napoca

Organizer:

- Faculty of Orthodox Theology

Contact person: Professor Ioan CHIRILĂ Ph.D., Phone: +40 0264 594716, fax: +40 0264 431005,

e-mail: ichirila@ot.ubbcluj.ro or ioanchirila@yahoo.com

Description:

The summer school aims to offer the participants introductory courses and lectures focusing on the history of the Church, the Romanian hagiography, the Romanian patristic literature, ascetic theology and mystics, to present the liturgical movement and to promote the theological culture in the Romanian milieu. Courses / lectures will be delivered by our teaching staff:

- Historical module – The Romanian isichasm – Rev.Prof. Al. Moraru Ph.D.; Holy Fathers of the Romanian milieu, biography and presentation of works – Rev.Prof Ioan Vasile Leb Ph.D.; Special topics of archaeology proving the apostolic origin of the Romanian Christianity - .
- Exegetic and systematic module – The fundamental references of Eastern and Romanian Spiritualities – Archid. Prof Ioan Ică PhD; Johaneic sources of the orthodox spiritual life – Rev.Prof. Stelian Tofană Ph.D.; D. Stăniloae – fundamental reference of the theological and dogmatic thinking of the 20th century – Rev.Prof Valer Bel Ph.D.; Saint Ioan Casian's exegeses of the Old Testament – Rev.Prof Ioan Chirilă Ph.D.,.
- Practical and liturgical module – Romanian ecclesiastical music and its place in the Eastern Hymnography – Rev.Prof. V. Stanciu Ph.D.; The Holy liturgy – the basis of the spiritual life in the Romanian ecclesiastical area - Rev.Lecturer Ioan Bizău Ph.D.; Preaching the evangelical words in the Romanian Church – Lecturer Ioan Toader Ph.D.; Romanian Hagiology - Rev.lecturer Vlaicu Patriciu, Ph.D.

The official languages of the summer school are: French, English and German.

Registration fee: 200 EUR

Programme:

Sunday, 2 September 2007

- Guests' welcome

3 – 7 September; 10 – 13 September 2007

- courses/seminars according to the above mentioned modules

- 9.00 a.m. – 13.00 p.m. – lectures, 15.00 p.m. – 18.00p.m. – seminars, debates, conclusions
- Fridays – liturgies in Romanian, French and English at the chapel of the faculty
- Evenings: leisure activities such as: opera and theatre shows, concerts

8 – 9 September 2007

- Excursion to the monasteries of Cluj, Bistrita and Maramures.

14 September

- Guests' departure

ERASMUS Intensive Language Courses

22 January – 17 February 2007

3 – 29 September 2007

In 2006 the ERASMUS Intensive Language Courses were organized in the following 23 countries: Belgium (Flemish Community), Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Greece, Hungary, Iceland, Italy, Latvia, Lithuania, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Sweden and Turkey.

Babeş-Bolyai University is one of the 2 universities in Romania which organize twice a year language courses in the framework of the SOCRATES/ERASMUS programme. The Centre for International Cooperation offers ERASMUS students the possibility to discover the unique character of a Latin language, culture and civilization with Slavic, Turkish, Anglo-Saxon, and other influences.

The EILC offers Romanian language courses at 2 levels of language proficiency (level I: beginner's; level II: intermediate) to students (and possibly teachers) participating in the SOCRATES/ERASMUS programme who have been admitted to study in one of the European countries listed above.

The courses consist of intensive teaching hours using interactive methods, offering at the same time the opportunity to learn more about Romanian culture by way of complementary activities (multicultural evenings, city-tours, visits to different museums, film viewing, folk music concerts and shows, trips to well-known tourist regions in Transylvania, such as Maramureş, Bistriţa-Năsăud, Arcalia castle etc.)

Participating students do not have to pay a tuition fee. The National Agency/home institution may award a supplementary ERASMUS grant for the duration of the course. In return, students will be asked to assist in the assessment of the courses and of their impact upon their academic studies.

Level of the course: all participants applied for a Level I course:

Beginner's level (no application was sent for level II courses: Intermediate).

ERASMUS students must submit an Application Form and declare their intention to study at Babeş-Bolyai University or other universities in Romania. Babeş-Bolyai University provides logistic support for Romanian language courses (audio/video materials, computers, language lab, hand-outs/printed text, access to the Central Library, paid accommodation in the Student Campus).

The courses are taught by academics from the Faculty of Letters, Department of Romanian Language, Culture and Civilization. At the end, the participants take an exam (oral and written) and they receive a proficiency certificate worth 5 ECTS credits.

Organizer: Centre for International Cooperation, 7 Pandurilor St., RO-400376 Cluj-Napoca, Romania

Phone: + 40 264 429 762, fax: + 40 264 429755,

Contact person: Ramona Onciu (e-mail: ronciu@staff.ubbcluj.ro) and Diana Andries (e-mail: dandries@staff.ubbcluj.ro); website: www.cci.ubbcluj.ro

National law facing the challenges of European Union

3-12 September 2007, Cluj-Napoca

Organisers: The Faculty of Law, Babeş-Bolyai University

Partners:

- Institute of Comparative Law
- Association Henri Capitant (Romanian and French Department)
- University of Paris I
- University of Paris II Pantheon-Assas
- University of Paris XII Val de Marne
- University of Nantes
- University of Limoges
- University of Poitiers
- University of Brussels
- University of Lyon
- University of Pecs
- University of Montréal
- University of Québec
- University of Nice

Contact persons:

Dean Prof. Paul Vasilescu Ph.D. (vpaul@law.ubcluj.ro)

Lecturer Mircea Bocşan Ph.D. (mbocsan@law.ubbcluj.ro)

Lecturer Radu Cătană Ph.D., General Chancellor of Babeş-Bolyai University (rcatana@law.ubbcluj.ro)

Participants: Romanian and foreign academic staff and students

Objectives:

- better knowledge of European law system and national institutional traditions;
- development of European jurisprudential solutions;
- comparison of Romanian and European legislation.

European School on Magnetism

9-18 September 2007, Cluj-Napoca

- Title: **New Magnetic Materials and their Functions**
- Department: **Faculty of Physics**

Organisers:

Prof. V. Pop Ph.D., Prof. E. Burzo Ph.D.,
Assoc. Prof. R. Tetean Ph.D.,
Ph.D.candidate E. Dorolti
Babes-Bolyai University Cluj-Napoca

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European Partners:

Prof. J. Kirschner, Prof. D. Sander
MPI Halle, Germany

Prof. L. Schultz, Dr. O. Gutffleisch
IFW Dresden, Germany

Prof. R. Ibarra, Dr. J-M. de Teresa
University of Zaragoza, Spain

Prof. H. Szymczak, Prof. Mackiewicz
Academy of Sciences, Warsaw, Poland

Prof.dr. E. Brück,

*Van der Waals–Zeeman Instituut, Universiteit
van Amsterdam, The Netherlands*

Prof. D. Stoeffler Ph.D.

Université Louis Pasteur, Strasbourg, France

- **Contact person:** Prof. Viorel Pop Ph.D., Babes-Bolyai University, Cluj-Napoca;
e-mail: viorel@phys.ubbcluj.ro;
- **Programme**

A. Introduction

1. Fundamental properties
2. The importance of R-M compounds in magnetism and applications
3. Functions and applications (soft, hard, recording, magnetostrictive materials...)
4. Magnetism and transport properties

B. Soft and hard magnetic materials and their applications

1. Magnetisation Processes and Coercitivity
2. Nanostructured Materials
3. Giant Magneto Impedance
4. Magnetic MEMS (Micro-Electro-Mechanical Systems)
5. Levitation, Confinement

C. Nanoparticles

1. Preparation and Characterisation (XRD, TEM)
2. Magnetisation Processes in Nanoparticles Including Molecular Magnets

3. Intrinsic Properties and Band Structure of Nanoparticles
4. Dipolar Interactions
5. Giant Hall Effects and Hall Effect
6. Small Particles and Biological and Medical Applications. Electromagnetic Compatibility and Wave Absorption

D. New topics in technologies and their applications

1. Introduction to Magnetic Recording
2. Physical Properties of the Materials Used in Magnetic Recording
3. Deposition and Growth Methods of Media Films, Nano-Assembled and Nano-Organised Objects
4. Lithography Methods
5. Exchange-bias, Giant Magneto Resistance , Tunnel Magneto Resistance TMR, Magnetic Random Access Memory MRAM
6. Sensors, Actuators.
7. Slow versus Fast Dynamics
8. Current Drive Reversal, Inverse Faraday Effect

E. Magnetic materials with special functions

1. Magnetocaloric Effect and Materials
2. Multiferroic Materials
3. Magnetostrictive Effect and Shape Memory Materials
4. Magneto-optic Effect and Materials

Conclusion

Open Questions in Magnetism

- **Short description :**

1. Actual stage and objectives

Since the beginning of the 90s, several scientific and teaching collaborations have taken place between French laboratories and Universities and Babes-Bolyai University Cluj-Napoca, Romania. Physics is one of the fields in which common teaching and research activities were strongly developed. Many professors from French Universities (Université Joseph Fourier, Grenoble, Institut National Polytechnique de Grenoble, Université Claude Bernard de Lyon, Université Louis Pasteur, Strasbourg, Université Paris 12, Université de Rouen, etc) have given lectures at Babes-Bolyai University. In the frame of our collaboration, more than 50 Romanian students have performed research stages or studies as master or PhD students in these universities. On the other hand professors from Babes-Bolyai University have performed teaching and research stages in French partners Universities. Also few French students had research or study stages in Babes-Bolyai University.

The scientific and didactic collaboration was enforced by regular organisation, every two years, of summer schools, beginning in 1997; <http://esm.neel.cnrs.fr>. The subject were mainly in solid state physics and magnetism: Nanomagnetism -1997 school, High performance permanent magnets - 1999 school, Spectroscopic analysis - 2001 school, Magnetism of nanoscopic systems and hybrid structures - 2003 school and New experimental approaches in magnetism - 2005 school. For the first schools the

participants (professors and students) were mainly from Romania and France. Progressively the school was open for professors and students from other European universities. Beginning with 2003 summer school, besides of Babes Bolyai University and Joseph Fourier University we had a lot of European partners (from Germany, Spain, Poland, The Netherlands, France) and the French-Romanian summer school becomes European School of Magnetism.

The scientific theme of the 2007 school is "*New Magnetic Materials and their Functions*". The high dynamic in the field of the magnetic materials impose a constant effort in order to form and inform our students (the engineer and researcher for "tomorrow") in the elaboration, properties and the applications of new materials. So a large panorama will be given to the students on the actually and emergent themes on the research on the new magnetic materials from their functionality to the applications. Particularly we have in mind both the fundamental (the deeply understood of the physical phenomena) and the applicative researches (high performance permanent magnets, ultra soft magnetic materials, magnetocaloric materials, multiferroic materials, shape memory materials, magnetic materials with biological applications, magnetic captors, spin electronic, high density magnetic recording, etc).

2. Public target

This school concern in priority the students from the partner universities and research institutes, but also, in the limit of available places, the other students which have the scientific level necessary for this school. The school is mainly dedicated for PhD students who study in this scientific field. The beginner or senior researchers can find in this school new approach for their research goals. In order to have a maximum efficiency of the School, the total number of participants will be limited to about 100 participants, including about 25 professors.

3. Formation goals

Having in mind the strong international competition in high-tech fields, this school has two main aims:

- The development of the scientific researchers by their information/formation in the new top research topics in magnetism, magnetic materials and applications.
- Attire the young researchers interested in solid state physics for an enhancement of their interest and competences in the field of magnetism and magnetic materials in order to enforce the Europeans researcher competences in a scientific field with a direct impact on the new technologies; magnetism, magnetic materials and applications.

4. Prerequisite

The knowledge prerequisites for an efficient participation to the lecture given in the school are the basic notions on magnetism and solid state physics. The communications between students and professors will be encouraged by question-answer workshops based on the lectures presented in the school and also on the scientific subjects of the participants. In order to increase the student participation, a mini poster section will be also organized.

5. Attended outputs

This school will achieve the consolidation of the participant's proficiency and the improvement of their knowledge in modern magnetism, at the same time giving them realistic and promising directions on the new materials and their applications.