

Προς: Ακαδημαϊκούς Υπευθύνους Erasmus

Γραμματείες Τμημάτων

Κοιν.: Πρόεδρο ΔΕ

Αντιπρόεδρο ΔΕ

Γραμματέα ΑΣΠΑΙΤΕ

Αριθ. Πρωτ.: ΕΡ/2878/23.09.14

Θέμα: Θέσεις Πρακτικής Άσκησης Erasmus στην Ουγγαρία

Επισυνάπτονται οι σχετικές Ανακοινώσεις, οι οποίες διαβιβάσθηκαν στην ΑΣΠΑΙΤΕ μέσω ΙΚΥ/ΕΜ.

Μαρία Καντωνίδου

Ιδρυματική Υπεύθυνη Erasmus

PLACEMENT OFFER

Research Assistant

Employer Information	
Name of the organisation/company:	Bay Zoltán Alkalmazott Kutatási Közhasznú Nonprofit Kft.
English name of the organization/company:	Bay Zoltán Alkalmazott Kutatási Közhasznú Nonprofit Kft.
Website:	http://www.bayzoltan.hu/
Country:	HU
City:	Budapest
Postal code:	1116
Address:	Fehérvári út 130.
Generic e-mail address:	bayzoltan@bayzoltan.hu
Employees (approximately):	Not set
Brief description of the organisation/company:	<p>BAY ZOLTÁN Nonprofit Ltd. for Applied Research is Hungary's leading public institution for research, development and technology transfer.</p> <p>Our mission at BAY ZOLTÁN Nonprofit Ltd. is to support and foster the development, competitiveness and efficiency of Hungarian companies through innovation and technology transfer. To perform our mission we implement national and international R&D&I projects through our cooperating network of research institutes. We provide complex scientific and technological solutions for our domestic and international clients, helping them to implement state of the art technology.</p>

Contact Details	
Name of contact person:	Monika Magyar
Title/ department/ function:	International Project Manager
E-mail:	monika.magyar@bayzoltan.hu
Phone number:	+36 1 463-0500

Placement Information	
Department / function:	Department of Sensor Based Infocommunication Technologies

Placement Information	
Brief description of the placement (activities & tasks):	<p>Within in our activities we put great emphasis both on acquiring information from our environment (sensor based solutions), as well as on efficient processing of information applying state of the art information analysis and management technologies (data mining and machine learning). We develop efficient distributed communication protocols for Ambient Intelligent environments and the Internet of Things, respectively design and build innovative services and applications for Intelligent Transportation Systems.</p> <p>Required expertise:</p> <ul style="list-style-type: none"> • Experience in software development for Android OS based mobile platforms (preferably Java) • Knowledge related to GIS solutions and services (OSM, SpatiaLite, MapServer) • Interest in 3D modelling and visualization solutions (Blender, COLLADA) <p>Tasks:</p> <ul style="list-style-type: none"> • design & develop new applications and GUI for indoor location-based services • visualization & modelling of indoor places (building, subways, etc.) <p>The internship can last from 3 up to 12 months.</p>
Planned start date of the placement period:	Not set
Duration (in months):	HU
Working hours per week:	40
Through which programme(s) would you receive interns:	Yes
Trainees per year:	1
Other:	The Research Assistant van benefit from the opportunity to participate in interesting research projects and from being involved in a young & enthusiastic research group.

Requirements	
Which academic area(s) do you accept applications from?:	Software and applications development and analysis Electronics and automation
Required level of studies:	BA / BSc, MA / MSc
Language requirements:	English
Other requirements:	

Application procedure	
Deadline for applications:	31. 01. 2015
Application process:	Please apply with Europass CV and motivation letter in English.

PLACEMENT OFFER

Research Fellow

Employer Information	
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Employees (approximately):	Not set
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Placement Information	
Department / function:	Bay Zoltán Applied Research Nonprofit Ltd. The Materials Science and Technology Institute (BAY-ATT)
Brief description of the placement (activities & tasks):	<p>The Department of Laser Technology and the Department of Advanced Materials and Processes offers the following thematic areas:</p> <ul style="list-style-type: none"> - laser technology, - polymer technology, - electrochemistry, - environmental technology. <p>The internship can last from 3 up to 12 months.</p>

Placement Information	
Planned start date of the placement period:	Not set
Duration (in months):	HU
Working hours per week:	40
Through which programme(s) would you receive interns:	Yes
Trainees per year:	3
Other:	The Research Fellow can benefit from the company's focus to applied research and its international environment.

Requirements	
Which academic area(s) do you accept applications from?:	Chemical engineering and processes Materials (glass, paper, plastic and wood)
Required level of studies:	BA / BSc, MA / MSc
Language requirements:	English
Other requirements:	

Application procedure	
Deadline for applications:	31. 01. 2015
Application process:	Please apply with Europass CV and motivation letter in English.

PLACEMENT OFFER

Research Trainee

Employer Information	
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Placement Information	
Department / function:	Department of Biology Based Energy Production
Brief description of the placement (activities & tasks):	<p>Microalgae cultivation in laboratory and field environment, biotechnological use of microalgae.</p> <p>The internship can last from 3 up to 12 months.</p> <p>Please note that the Department of Biology Based Energy Production is located in Szeged.</p>
Planned start date of the placement period:	Not set
Duration (in months):	HU
Working hours per week:	40

Placement Information	
Through which programme(s) would you receive interns:	Yes
Trainees per year:	2
Other:	Free accomodation

Requirements	
Which academic area(s) do you accept applications from?:	Biology Environmental sciences
Required level of studies:	BA / BSc, MA / MSc, PHD
Language requirements:	English
Other requirements:	

Application procedure	
Deadline for applications:	31. 01. 2015
Application process:	Please apply with Europass CV and motivation letter in English.

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Placement Information	
Department / function:	Department of Molecular Biology
Brief description of the placement (activities & tasks):	<p>Development of real time PCR assay for detection bacteria and archaea species.</p> <p>Improve DNA isolation method to separate viable and dead cells.</p> <p>The internship can last from 3 up to 12 months.</p> <p>Please note that the Department of Molecular Biology is located in Szeged.</p>
Planned start date of the placement period:	Not set
Duration (in months):	HU
Working hours per week:	40

Placement Information	
Through which programme(s) would you receive interns:	Yes
Trainees per year:	2
Other:	Free accomodation

Requirements	
Which academic area(s) do you accept applications from?:	Biology
Required level of studies:	BA / BSc, MA / MSc, PHD
Language requirements:	English
Other requirements:	

Application procedure	
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Placement Information	
Department / function:	Department of Mechatronics

Placement Information

Brief description of the placement (activities & tasks):	<p>Bay Zoltán Nonprofit Ltd. is the largest and most successful non-profit applied research organization in Hungary with several business area specified institutes.</p> <p>The company hosts the Department of Mechatronics that has become a leading actor in the region in the area of M2M based embedded terminal techniques.</p> <p>Adapting the practical requirements, the department takes a significant role in the field of information technology developments in the region and cooperates with the main stakeholders.</p> <p>Several significant projects are running at the same time in the fields of telecommunication researches, logistical information systems and expert decision supporting systems.</p> <p>The internship can last from 3 up to 12 months.</p> <p>Please note that the Department of Mechatronics is located in Miskolc.</p>
Planned start date of the placement period:	Not set
Duration (in months):	HU
Working hours per week:	40
Through which programme(s) would you receive interns:	Yes
Trainees per year:	Not set
Other:	

Requirements

Which academic area(s) do you accept applications from?:	Software and applications development and analysis Electronics and automation
Required level of studies:	BA / BSc, MA / MSc
Language requirements:	English
Other requirements:	

Application procedure

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Placement Information	
Department / function:	Department of Nano-materials
Brief description of the placement (activities & tasks):	<p>Lab on nano-materials, including the development of "macro"-materials, mostly metallic foams, emulsions and composites.</p> <p>The internship can last from 3 up to 12 months.</p> <p>Please note that the Department of Nano-materials is located in Miskolc.</p>
Planned start date of the placement period:	Not set
Duration (in months):	HU
Working hours per week:	40

Placement Information	
Through which programme(s) would you receive interns:	Yes
Trainees per year:	2
Other:	

Requirements	
Which academic area(s) do you accept applications from?:	Chemistry Physics Materials (glass, paper, plastic and wood)
Required level of studies:	MA / MSc, PHD
Language requirements:	English
Other requirements:	

Application procedure	
Deadline for applications:	31. 01. 2015
Application process:	Please apply with Europass CV and motivation letter in English.

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Phone number:	+36 1 463-0500

Placement Information	
Department / function:	Department of Structural Integrity
Brief description of the placement (activities & tasks):	<p>Research on the local-global fracture mechanical modelling and research on numerical simulation of thermo-elastohydrodynamic lubrication issues of gears and bearings.</p> <p>The internship can last from 3 up to 12 months.</p> <p>Please note that the Department of Structural Integrity is located in Miskolc.</p>
Planned start date of the placement period:	Not set
Duration (in months):	HU
Working hours per week:	40

Placement Information	
Through which programme(s) would you receive interns:	Yes
Trainees per year:	1
Other:	

Requirements	
Which academic area(s) do you accept applications from?:	Mechanics and metal trades
Required level of studies:	MA / MSc
Language requirements:	English
Other requirements:	

Application procedure	
Deadline for applications:	31. 01. 2015
Application process:	Please apply with Europass CV and motivation letter in English.