

**Employer information**

Employer: Tomas Bata University in Zlin

Website:

Working place: Zlin

Nearest intl. airport: Prague, Vienna

Nearest public transport: Zlin

Business or products:

Faculty of Technology

Number of employees: 750

Working hours per week: 40

Daily working hours: 8

**Student required**Faculty: Material Science, Mechanical  
Eng., PhysicsSpecialisation: Informatics, Material  
Engineering

Study level: Master

Language required for training:  
(1=excellent, 2=good, 3=fair)english (Good)  
or german (Good)Other requirements  
Basic bio-lab skills

Previous training required: No

**Work offered**

Kind of work

Plasma physics (biopolymers surface  
treatment by RF plasma), non-equilibrium  
thermodynamics, diffusion in polymers.  
Techniques: RF plasma reactor, surface  
energy measurement, FTIR, UV-VIS, DTA,  
TG.

Categories:

Research and development Yes

Professional: No

Working environment: No

Number of weeks offered:

min: 8

max: 8

Within the dates: Sep 13, 2010 - Dec 17, 2010

Gross pay: 9000 CZK / month

Deductions to be expected:

**Accommodation**Lodging will be arranged by:  
IAESTE

Canteen available at work: Yes

Estimated costs of lodging:

4000 CZK / month

Estimated costs of living incl. lodging:

7000 CZK / month

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Date: 20 January 2010

PLEASE SEND NOMINATIONS BY EMAIL.

Deadline for nomination:

31 March 2010

On behalf of sending country



Norsk

Moscow Student Center (IAESTE Russia)  
 105082, Moscow, Bolshaya Pochtovaya Street, 18/20, building 15  
 Phone/Fax: +7(499) 261-88-60, 261-71-51, 261-73-36  
 E-mail: [incoming@iaesterussia.ru](mailto:incoming@iaesterussia.ru)

## WORK OFFERED

Ref. No. R/4-4

**Employer Information**

Employer: Moscow State Technical University  
 "MAMI"

Website: [www.mami.ru](http://www.mami.ru)  
 Working place: Moscow, Russia  
 Nearest international airport: Sheremetyevo,  
 Domodedovo, Vnukovo  
 Nearest public transport: metro "Electrozavodskaya"

Business or products: Education and  
 scientific researches

Number of employees: 2500  
 Working hours per week: 40  
 Daily working hours: 8/ flexible schedule is possible

Official responsible: Prof. Vladimir Merzlikin  
 (E-mail and phone number will be given AFTER the candidate is accepted)

**Student required**

Faculty: Mechanical Engineering, Physics

Language required for training:  
 (1=excellent, 2=good, 3=fair)  
 English-2

Specialization:

Study Level:  Beginning  
 Middle  
 End

Other requirements: *Understanding of main principles:  
 1) radiant heat transfer and scattering theory in ultra-  
 violet, visible and IR wavelength; 2) preservation of the  
 environment, algorithmic languages (FORTRAN, C++).*

Previous Training Required:  Yes  No

**Work offered**

*"Preservation of the environment, surface  
 And subsurface heating and melting of  
 The mountain, Arctic and Antarctic glaciers  
 (top active layer) at intensive solar radiation.  
 Study of heat transfer process in constructional  
 materials of heat-insulation equipment using  
 simulation of radiant heat exchange in the natural  
 covers in the framework of similarity theory."*

**Categories:**

Research and development	D	<input checked="" type="checkbox"/>
Professional	P	<input checked="" type="checkbox"/>
Working Environment	W	<input type="checkbox"/>
Non specific	X	<input type="checkbox"/>

Number of weeks offered:

min: 4

max: 6

Within the months: June – July

Gross pay per month: 1500 RUR + free lodging

Deduction to be expected: no %

**Accommodation**

Lodging will be arranged by:

Employer

Canteen available at work:  Yes  No

Estimated cost of lodging: free lodging equivalent 1000RUR

Per: month

Estimated cost of living incl. lodging: 11500 RUR

Per: month

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Date: 18.11.2009

PLEASE SEND NOMINATIONS BY:  EMAIL AND/OR  HARD COPY NUMBER OF HARD COPIES: .....

Deadline for nomination:

.....31.03.2010.....

On behalf of receiving country:

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