

## PLACEMENT OFFER

### Research Trainee

| 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:                                       | <a href="http://www.bayzoltan.hu/">http://www.bayzoltan.hu/</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 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&amp;D&amp;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 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. |