

# Curriculum Vitae



## PERSONAL DATA:

Name: VUKMAN BAKIC  
Sex: male  
Personal Information: born on October 26, 1963 in Belgrade, Yugoslavia  
married  
Nationality: Montenegrin  
Private address: Radomira Milenica Rusa 2/19  
12000 Pozarevac  
Serbia and Montenegro  
Address II: Vinca Institute  
Laboratory for Thermal and Energy Research  
Po Box 522  
11000 Belgrade  
Serbia and Montenegro  
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## EDUCATION:

- 2003** Dr-ing (PhD.)  
Group: Fluidodynamik  
Technical University Harburg, Hamburg  
Hamburg, Germany
- 1997** Master of Sciences (M.Sc. Degree)  
Group: Applied Fluid Mechanics  
University of Belgrade, Faculty of Mechanical Engineering
- 1990** Graduate Mechanical Engineer, Dipl.-ing.  
Group for Automatic Control  
University of Belgrade, Faculty of Mechanical Engineering
- 1982** Electrician  
Electro-Engineering Educational Center "Nikola Tesla"  
Belgrade, Yugoslavia

## WORK EXPERIENCE:

- 1.01.2003 – present** VINCA Institute, Laboratory for  
Thermal and Energy Research, Belgrade, Serbia and Montenegro .
- Position: Scientific Researcher  
Duties: Plasma technology for power station

**1.01.1999 – 31.12.2002** Technical University Harburg, Hamburg  
Department for Fluid Dynamics, Germany  
Position: Scientific Researcher  
Duties: Experimental fluid mechanics in wind tunnel  
Using different measurement techniques: 3D laser Doppler velocimetry,  
hot wire, flow visualization, different types of probes etc.

**1.07.1998 - 31.12.1998** Institute for Fluid Mechanics,  
Erlangen, Germany  
Position: Scientific Researcher  
Duties: Experimental fluid mechanics

**1.11.1995 - 15.12.1995** Institute for Thermophysics, Novosibirsk, Russia  
Position: Guest researcher  
Duties: Measurement with LDA

**1.09.1992 – 31.06.1998** VINCA Institute, Department for  
Thermal and Energy Research, Belgrade, Serbia and Montenegro.  
Position: Scientific Researcher  
Duties: research fluid flow with and without chemical reaction (combustion);  
Using laser Doppler anemometer (LDA), thermocouples etc.

**28.01.1991-1.09.1992** Factory of agriculture machine “ZMAJ”, Department for technology,  
Belgrade, Yugoslavia  
Position: Senior designer  
Duties: determine technology for producing different parts of machine.

**Computer Skills:** different programs under Windows and Linux operating system

**CFD:** SWIFT (basic)

**Languages:** native language: Serbian  
English (fluent)  
German (basic)