

PERSONAL INFORMATION **IOAN BRATU**

9 Arany Janos st., 400028 Cluj-Napoca, Romania

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[ibratu@gmail.com](mailto:ibratu@gmail.com)

Sex Male | Date of birth 30 November 1947

JOB APPLIED FOR **European project -1994**WORK EXPERIENCE FTIR spectroscopy applied to various molecular systems

January 1971 – Present **Scientific researcher**

National Institute for Research and Development of Isotopic and Molecular Technologies, 67-103 Donat PO 5 Box 700, 400293 Cluj-Napoca România,

March 1992-December 1992 Spanish Ministry of Foreign Affairs grant

April 1993-September 1993 Spanish Ministry of Foreign Affairs grant

April 1994-September 1994 Invited professor USTL Lille, France

March 1996 – Dec. 1996 **Sabbatical year invited professor**

Spanish Ministry of Foreign Affairs, Invited professor at UNED Madrid, Spain

October 2001 – October 2001 **Researcher / Working stage at UNED Madrid, Spain**

Working in a research team carrying out in-depth qualitative evaluation

## EDUCATION AND TRAINING

1974 – 1984 **PhD - Thesis Title: "Study of molecular interactions with spectroscopic methods"**

"Babes-Bolyai" University Cluj-Napoca, Faculty of Physics, Romania

1965 – 1970 **Bachelor of Physical Science in Solid State Physics**

Seminar 1976, TU Dresden, Germany

- IR spectra assignation

PERSONAL SKILLS

Romanian

Mother tongue(s)

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1/2	B2	B2	B1	B2
French	B1/2	A2	A2	A2	A1
Spanish	C1/2	B1/2	B2	B1	B2
Russian	A2	A2	A2	A2	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user  
[Common European Framework of Reference for Languages](http://www.cerl.eu)

Communication skills

- team work: I have worked in various types of teams from research teams of national projects

Organisational / managerial skills

after my PhD thesis I organized a series of seminars on research methods applications

Computer skills

- competent with most Microsoft Office programmes  
 - experience with Origin, Spectra Manager, Grams and SpectraCalc software

Other skills

Visiting Art galleries. Enjoy all sports particularly swimming, and running. Love to travel and experience different cultures.

Driving license

B

ADDITIONAL INFORMATION

Publications

'Borrowing techniques from Physics and applied to the Social Sciences, see Publication list