



**Europass
Curriculum Vitae**



Personal information

First name / Surname: **Sorin TASCU**

Address: "Alexandru Ioan Cuza" University of Iasi, Institute of Interdisciplinary Research, RAMTECH Center,
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Nationality: Romanian

Date of birth: March 31, 1976

Gender: M

Present employment / position: "Alexandru Ioan Cuza" University of Iasi, RAMTECH Center / Research Scientist II (CS II)
Director of RAMTECH Center

Work experience

Dates: 2016 - present

Occupation or position held: Research Scientist II (CS II), Since 2010 founder and Head of RAMTECH Center

Name and address of employer: "Alexandru Ioan Cuza" University of Iasi, Romania

Type of business or sector: Research

Dates: 2013 - 2016

Occupation or position held: Research Scientist III (CS III)

Name and address of employer: "Alexandru Ioan Cuza" University of Iasi, Romania

Type of business or sector: Research

Dates: 2009 - 2013

Occupation or position held: Research Scientist (CS)

Name and address of employer: "Alexandru Ioan Cuza" University of Iasi, Romania

Type of business or sector: Research

Dates: 2007 - 2008

Occupation or position held: Scientific Research Associate

Name and address of employer: University of Nice - Sophia Antipolis, France

Type of business or sector: Research

Dates: 2006 - 2007

Occupation or position held: R&D Engineer

Name and address of employer: Moduloptic SA, Le Cannet, France

Type of business or sector: Technological transfer, research

Dates: 2004 - 2006

Occupation or position held: Physicist Researcher (Post Doc)

Name and address of employer: University of Nice - Sophia Antipolis, France

Type of business or sector: Research

Dates: 2003 - 2004

Occupation or position held: Teaching and Research Associate

Name and address of employer: "Claude Bernard Lyon I" University of Lyon I, France

Type of business or sector: Teaching & Research

Dates: 2000 - 2003

Occupation or position held: Research Assistant, PhD Student

Name and address of employer: "Claude Bernard Lyon I" University of Lyon I, France

Type of business or sector: Research

Education and training

Dates 2022

Title of qualification awarded: Habilitation degree to supervise PhD thesis

Name and type of organization providing education and training: Ministry of Education and Research

Dates: 2000 - 2003

Title of qualification awarded: **Doctor in Physics, PhD**

Principal subjects/occupational skills covered: Optics and Guided Waves

Name and type of organization providing education and training: "Claude Bernard Lyon I" University of Lyon I, France

Dates: 1999 - 2000

Title of qualification awarded: **Master of Science in Physics**

Principal subjects/occupational skills covered: Condensed Matter, Surfaces and Interfaces

Name and type of organization providing education and training: "Claude Bernard Lyon I" University of Lyon I, France

Dates: 1994 - 1999

Title of qualification awarded: **Bachelor of Science in Engineering Physics**

Principal subjects/occupational skills covered: General Physics

Name and type of organization providing education and training: "Alexandru Ioan Cuza" University of Iasi, Romania

Personal skills and competences

Mother tongue: **Romanian**

Self-assessment:	Understanding				Speaking				Writing	
<i>European level (*)</i> :	Listening		Reading		Spoken interaction		Spoken production			
English:	C1	Excellent	C1	Excellent	C1	Excellent	C1	Excellent	C1	Excellent
French:	C2	Bilingual	C2	Bilingual	C2	Bilingual	C2	Bilingual	C2	Bilingual

Professional skills and competences: Nonlinear optics, Integrated optics, fabrication and characterization of nonlinear optical devices, large expertise in clean-room fabrication techniques and materials processing for integrated nonlinear optics.

Organizational skills and competences: Projects Management
Technological transfer between academic research laboratories and industry.

Scientific research activity: 55 published ISI papers, 10 non-ISI papers, over 600 citations (without self-citation) Clarivate Analytics (WoS), h-index=16 and over 80 conferences, 10 Invited Talks

Additional information:

Professional memberships: Romanian Physical Society –SRF (vice-president of Iasi subsidiary);
European Physical Society – EPS

Responsibilities: President of "Commission for Scientific Research Programs and Knowledge Transfer" of the Senate of "Alexandru Ioan Cuza" University of Iasi

Research Projects as Manager:	Budget	Period
"Field testing an integrated quantum repeater node" Contract NR. 283/2022, Cod project: COFUND-QUANTERA-2-InQuRe	199.999 euros	2022-2024
"Field testing an integrated quantum repeater node" PN-III-P4-ID-PCE-2020, Contract NR. PCE 142 /2021, Cod project: PN-III-P4-ID-PCE-2020-0239	242.000 euros	2021-2023
"Integrated Quantum Circuits based on non-linear waveguide Arrays" (INQCA), Joint Research project ANR(France)-UEFISCDI(Romania).	250.000 euros	2015 - 2017
"Research center on Advanced Materials and TECHNOLOGIES – RAMTECH", project co-financed by the "European Regional Development Fund", Sector Operational Program "The Increase in Economic Competitiveness".	2.153.237 euros	2010 - 2013
"Parametric interactions in counter-propagating configuration" UEFISCDI (Romania) Project for researchers reintegration.	138.000 euros	2009 - 2010

07.11.2022

