

ALLEGATO B**Curriculum formativo, didattico, scientifico e professionale del candidato****Dichiarazione sostitutiva di certificazioni**

(Art. 46, D.P.R. 28 dicembre 2000 n. 445)

Dichiarazione sostitutiva dell'atto di notorietà

(da sottoscrivere davanti all'impiegato addetto o da presentare o spedire con la fotocopia di un documento di identità)

(Art. 47, D.P.R. 28 dicembre 2000 n. 445)

Estremi del bando di selezione	BANDO N. 11/2018 N. 210 del 10/07/2018
Informazioni aggiornate al	26/07/2018
Nome e Cognome	Suchithra Ashoka Sahadevan
Data di nascita	

Esperienza professionale

Periodo	Ente	Principali attività e responsabilità
Oct 2017-Feb 2018	Università degli Studi di Cagliari <i>Tutor: Prof. M. L. Mercuri</i>	Tutor in laboratorio di Chimica Generale per gli studenti del II anno del CdL in Scienze Naturali.
July 2014- Feb 2015	Shell technology Centre, Bangalore, India	Mercury Speciation from Crude Sample. Quantitative Analysis of 16-PAHs in water sample. Instruments used: Mercury Analyser, HPLC, GC-MS, Elementary Analyser (C, H, N)
May 2013-July 2013	Indian Institute of Science Education and Research, Pune <i>Tutor: Dr. R. Boomi Shankar,</i> Associate Professor, IISER Pune	Synthesis and Characterization of Phenyl Phosphoryl ligands.
May 2012- July 2012	Indian Institute of Science Education and Research, Thiruvananthapuram <i>Tutor: Prof. M. S. Gopinathan,</i> Professor, IISER Thiruvananthapuram	Effect of Capsid Expansion on Viral DNA Packaging (Computational Chemistry)

Istruzione, formazione (es. titoli di studio, certificazioni professionali/linguistiche/informatiche)

Data	Titolo / Principali tematiche	Ente
Oct 2015- Present	PhD Student <i>Thesis Title: Anilate Based Molecular Building Blocks for Porous Coordination Polymers and Molecular Conductors</i>	Cojoint PhD between University of Cagliari and University of Angers
July 2018	Visiting PhD Student at Yamashita Laboratory, Sendai, Japan	Tohoku University, Japan
Jan 2018- April 2018 May 2017-Aug 2017 Oct 2016- Dec 2016	Visiting PhD Student at Laboratory Moltech Anjou (Cotutelle PhD)	Université d'Angers, France
Aug 2010-	Integrated BS-MS (Masters in	Indian Institute of Science Education and

June 2015	Chemical Sciences) <i>Thesis Title: Validation of a HPLC Method for Quantitative Analysis of 16-Poly Aromatic Hydrocarbon (PAHs) in water Sample.</i>	Research Kolkata, India
July 2014- Feb 2015	Industrial Internship for Master Thesis	Shell Technology Centre, Bangalore, India
Language		
Malayalam	Mother Tongue	
English	B2 level	CLA Language Centre, University of Cagliari
Italian	A1 level	CLA Language Centre, University of Cagliari

Publicazioni / Convegni

Publications

1. S. Ashoka Sahadevan, N. Monni, A. Abhervé, D. Marongiu, V. Sarritzu, N. Sestu, M. Saba, A. Mura, G. Bongiovanni, F. Quochi, N. Avarvari and M. L. Mercuri, Nanosheets of 2D Neutral Coordination Polymers Based on NIR-Emitting Lanthanides and Chlorocyananilate Ligand. 2018, Submitted
2. N. Monni, V. Marneli, S. Ashoka Sahadevan, S. Gai, C. Cannas, M. Laura Mercuri, Raman Spectroscopy as a Probe for determining the Zinc Contents in Zn-substituted Cobalt Ferrites, *J. Nanosci. Nanotechnol.* 2018 Accepted In Press
3. S. Ashoka Sahadevan, E. Cadoni, N. Monni, C. Sáenz de Pipaón, J.-R. Galan Mascaros, A. Abhervé, N. Avarvari, L. Marchiò, M. L. Mercuri, Halogen Interactions/Halogen-Bonding-Mediated Structural Diversity on a New Series of Halogenated Quinoyl Salicylaldimides-Based Fe(III) Compounds., *Cryst. Growth Des.* 2018, 18 (7), 4187–4199. DOI: 10.1021/acs.cgd.8b00753
4. S. Ashoka Sahadevan, N. Monni, A. Abhervé, P. Auban-Senzier, E. Canadell, M. L. Mercuri, N. Avarvari, Synthesis and Physical Properties of Purely Organic BEDT-TTF-based Conductors Containing Hetero-/Homosubstituted Cl/CN-Anilate Derivatives., *Inorg. Chem.* 2017, 56, 12564–12571. DOI: 10.1021/acs.inorgchem.7b01994
5. M. L. Mercuri, F. Congiu, G. Concas, S. Ashoka Sahadevan, Recent Advances on Anilato-Based Molecular Materials with Magnetic and/or Conducting Properties., *Magnetochemistry*, 2017, 3, 17.

Conferences

1. Suchithra Ashoka Sahadevan, Noemi Monni, Alexandre Abhervé, Francesco Quochi, Narcis Avarvari and Maria Laura Mercuri, Nanosheets of 2D Neutral Coordination Polymers Based on NIR-Emitting Lanthanides and Chlorocyananilate Ligand. EsMolNa2018 and W2D workshop (COST) May 20-25, 2018 Tenerife (Spain) (Oral)
2. Suchithra Ashoka Sahadevan, Alexandre Abhervé, Noemi Monni, Narcis Avarvari, and Maria Laura Mercuri, Versatility of Anilate as Functional and/or Multi-Functional Materials HybMolMat Bando Cassini 2018 Workshop May 17-18, Cagliari (Oral)

3. Suchithra Ashoka Sahadevan, Alexandre Abhervé, Noemi Monni, José-Ramon Galan-Mascaros, Narcis Avarvari, and Maria Laura Mercuri Synthesis and Physical Properties of Supramolecular Networks Based on Chlorocyanilate Ligand
Supramol 2017, Santa Margherita di Pula, 18-21 June (Oral)
4. Workshop on Magnetism and Luminescence.
GDR MCM2, l'ENS de Lyon, France May 21-22 2017. (Participation)
5. Suchithra Ashoka Sahadevan, Noemi Monni, Alexandre Abherve, Narcis Avarvari, Maria Laura Mercuri Hybrid Molecular Materials Based on BEDT-TTF and Anilate Derivatives
SCF-BPL 2017, Le Mans, 2-4 May 2017 (Oral)
6. Suchithra Ashoka Sahadevan, Noemi Monni, Alexandre Abherve, Narcis Avarvari, Maria Laura Mercuri, A 2D Mixed-Valence Honeycomb Layered Network Based on the Chlorocyanilate Green Luminophore. France - 2016
GdR MCM : Magnétisme et Commutation Moléculaires (Poster)

Altre attività scientifiche

- Proposal submitted to Bando Cassini (French Embassy in Italy) got selected to organise an International Workshop related to PhD Thesis.
- Organised Workshop on Hybrid Molecular Materials (HybMolMat 2018) funded by Bando Cassini at Cagliari (May 17-18, 2018).
- Part of the organising committee of JSPS-DST Asian Academic Seminar and School organised by IACS and IISER Kolkata -2015.

Ulteriori informazioni pertinenti

Luogo, data e firma
Cagliari, 26/07/2018

Suchithra Ashoka Sahadevan