

## Curriculum Vitae

### Dr. Eng. Sumeet Kumar

<p><b>Researcher, Entrepreneur.</b>  <b>Founder CEO/CTO of 1SUN S.R.L.</b>  Via. Tambarin 4. Ronchi dei legionari  34077, GO, Italy.  <b>Residence:</b> Via. Gregorio Mansanta-3,  Trieste-34137, Italy.  <b>Date of Birth:</b> 22-01-1981.  <b>Nationality:</b> Indian.  <b>Italian Permanent Residency Permit (CE).</b>  <b>Email:</b> sumeet.kumar@1sun.it  <b>Tel:</b> +39 3407547854, +91 7565 097605</p>	<p><b>Languages Known:</b> English (Excellent), Italian (Excellent), and Hindi (Mother tongue).  <b>Programming language:</b> JAVA (J2EE).  <b>Relevant Software skills:</b> TOPAS Academic V-4, GSAS/EXPGUI, Eclipse IDE.  <b>Operating systems:</b> Windows; MAC.    <b>Core Competencies:</b> Novel Materials for enhancing existing Si-Solar cells, LIB and OPV.</p>
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#### PATENT

**“HYBRID COMPOSITE NANOMATERIALS”,** Granted in Italy, (*lately in the EU*), *Australia, China, USA, ISRAEL, BRAZIL, MALAYSIA, under prosecution in INDIA.*

#### RELEVANT PROFESSIONAL EXPERIENCE

07/2013 to **Present:** **CEO/CTO 1SUN Ltd.,** Via. Tambarin 4. Ronchi dei legionari 34077, GO, Italy.

02/2013 to 06/2013: **Visiting Researcher,** via European Cooperation in Science and Technology (eCOST)’s Short Term Service Mission (STSM) under Composites of Inorganic Nanotubes and Polymers (COINAPO) at the The **Jožef Stefan Institute,** (Lubiana) **Slovenia;**

02/2012 – 02/2013: **Research Associate** at **Italian National Institute for Nuclear Physics (INFN), Trieste;**

08/2011 – 01/2012: **Research Fellow** at **ENEA (National Agency for New Technologies, Energy & Sustainable Economic Development),** Portici (Naples) **Italy;**

01/09/2011 – 30/09/2011: **Visiting Researcher** (STSM) under COINAPO at **Kungliga Tekniska Högskolan (KTH) Stockholm, Sweden;**

04/2011 – 08/2011: **Post Doc Researcher** at **ENEA, Portici, Italy;**

11/2010 – 03/2011: **Post Doc Researcher** with **ICTP (International Centre for Theoretical Physics)/TRIL (Training and Research in Italian Laboratories)** under **UNESCO** fellowship at **ENEA;**

02/2010 – 11/2010: **Post-Doctoral Fellow** at the **Department of Advanced Science and Technology, University of Eastern Piedmont "A. Avogadro"**, Alessandria, Italy;

11/2006 – 02/2010: **PhD Fellow** with Fellowship at **Department of Advanced Science and Technology, University of Eastern Piedmont "A. Avogadro"**, Alessandria, Italy;

03/2006 – 11/2006: **Project Associate** with Fellowship at the **Department of Advanced Science and Technology, University of Eastern Piedmont "A. Avogadro"**, Alessandria, Italy;

11/2005 – 03/2006: **Project Associate** at the **Indian Institute of Technology Kanpur, IITK, India**;

05/2005 – 11/2005: **Software Engineer** at **NexTag Software & Services Pvt. Ltd. (Gurgaon) New Delhi**;

05/2004 – 07/2004: **Summer Internship** at the **University of Eastern Piedmont "A. Avogadro"**, Alessandria, Italy.

## **EDUCATION**

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**18-02-2010: PhD Degree in Chemistry from the Department of Advanced Science and Technology - University of Eastern Piedmont "A. Avogadro", Alessandria, Italy.** Thesis: "Synthesis and Characterization of novel compounds for radical detection and photo/electro luminescence: Facile methods to obtain hybrid materials";

**31-05-2005: Bachelor of Technology (B. Tech) in Materials and Metallurgical Engineering from the Indian Institute of Technology Kanpur, (IITK), India.** Thesis: "Ferroelectric Thin films".

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