

Application form – YSF Elections 2018



**Personal details (Liliana, Liverani)**

<b>Name :</b>	<b>Liliana Liverani</b>
<b>Nationality:</b>	Italian
<b>Date of birth:</b>	3 <sup>rd</sup> October 1983
<b>Current position and affiliation:</b>	Senior Researcher and Group Leader at Institute of Biomaterials, Department of Materials Science and Engineering, Friedrich-Alexander-University (FAU) Erlangen-Nuremberg, Erlangen, Germany
<b>Research interests:</b>	My main research interests are in the field of biomaterials for scaffold fabrication with different techniques (i.e. electrospinning, 3D printing, freeze drying, foam replica method), in particular with the aim to design scaffolds with gradients in composition and morphology able to mimic interface tissues.
<b>Linkedin</b>	<a href="http://www.linkedin.com/in/liverani-liliana-64215438">www.linkedin.com/in/liverani-liliana-64215438</a>
<b>Researchgate</b>	<a href="https://www.researchgate.net/profile/Liliana_Liverani">https://www.researchgate.net/profile/Liliana_Liverani</a>
<b>ORCID</b>	0000-0002-4270-4861

**Position applied for:**

<b>x</b>	<b>YSF national chapters liaison officer</b>
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**Attendance of past ESB conferences:**

<b>Year</b>	<b>Conference</b>
<b>2010</b>	ESB 2010, Tampere
<b>2011</b>	ESB 2010, Dublin
<b>2016</b>	WBC 2016, Montreal
<b>2017</b>	ESB 2017, Athens
<b>2018</b>	ESB 2018, Maastricht

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**Candidate (short CV):**

Dr. Liliana Liverani

**Professional experience**

Period	Position
01/06/2018 - today	Senior Researcher and Group Leader at Institute of Biomaterials, Department of Materials Science and Engineering, Friedrich-Alexander-University (FAU) Erlangen-Nuremberg, Erlangen, Germany
01/06/2015 – 31/05/2017	Postdoc with a Marie Skłodowska-Curie Individual Fellowship at Institute of Biomaterials, Department of Materials Science and Engineering, Friedrich-Alexander-University (FAU) Erlangen-Nürnberg, Erlangen, Germany.
April 2009 – today	Participation in national and international projects: DAAD-PPP Poland project, IDEAR project (Ingenieure Deutschland-Argentinien), Activities performed in the framework of Italian national projects (PRIN 2009, FIRB 2010, MAE 2011).
01/09/2014 – 31/03/2015	Researcher in the framework of SAFE & SMART Italian National Cluster project at Engineering Ingegneria Informatica S.p.A– Rome, Italy.
01/04/2013 – 30/04/2014	Post-doc at Tissue Engineering Laboratory, Faculty of Engineering, Università Campus Bio-Medico di Roma, Rome, Italy.
2009 - 2014	Educational activities at Università Campus Bio-Medico di Roma, Rome, Italy:
May 2013	Professor at “Master in Project Management” and “Master in Design” (course just for post-graduated students) organized by Permasteelisa SpA Group, Vittorio Veneto, Italy.
01/07/2008 – 31/12/2008	Engineer in Research, Development and Quality Office (six-monthly stage) at UBER ROS SpA (San Cesareo, Rome), Italy.

**Education**

Period	Course/Title
01/01/2009– 31/12/2011	<b>PhD in Biomedical Engineering</b> at Tissue Engineering Laboratory, Faculty of Engineering, Università Campus Bio-Medico di Roma, Rome, Italy. Thesis title: “Chitosan-based scaffold for osteochondral tissue engineering: comparison of fabrication and functionalization techniques and scaffolds characterization”.
01/07/2011– 14/10/2011	<b>PhD visiting period at Institute for Biomaterials</b> , Department of Material Science and Engineering, Friedrich Alexander University of Erlangen-Nuremberg, Erlangen, Germany.
01/11/2007– 01/11/2008	<b>Post-lauream master degree in “Innovation in Surgery”</b> at Department of Bioengineering, Politecnico di Milano, Milan, Italy with final stage at St. Jude Medical. Final mark 110/110.
01/11/2005– 17/12/2007	<b>Master Degree in Biomedical Engineering</b> at Università Campus Bio-Medico di Roma, Rome, Italy. Final mark 110/110 cum laude. Thesis title: “Electrospun biopolymer with cylindrical geometry for cardiovascular surgery”.
01/09/2002– 19/10/2005	<b>Bachelor Degree in Biomedical Engineering</b> Università Campus Bio-Medico di Roma, Rome, Italy. Final mark 110/110 cum laude. Thesis title: “Shape memory alloys stent: a biomechanical study”.

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**Motivation:**

I am attracted by new challenges and I am always curious and interested in discovering and learning. As scientist, with my daily professional activities, I would like to communicate this approach to all PhD students and undergraduate students in which I am in contact.

With the same approach, I am keen to have the possibility to give my contribution in the Young Scientist Forum. In particular, I would be happy to work as YSF national chapters liaison officer. The relevance of strengthening the networking among the European young scientists should be promoted more inside the YSF. As principal investigator of a Marie Skłodowska-Curie Individual Fellowship, I understood the relevance of this networking for the career development and also for the dissemination of my project outcomes. For this reason I wish to apply for this position and give my contribution in enhancing the networking among young scientist and promoting local initiatives/events at European level.

**Possible achievements:**

As possible achievements in this position, I would like to improve the dissemination of local activities and events at European level. In particular, I wish to reinforce the communications and networking among all the YSF representatives, trying to reach the goal to have one representative for each European Country. Regular periodic Skype meeting will be organized among the YSF national chapters liaison officer and all the YSF representatives, in which the representatives could reports their needs/problems/comments to the officer and also for the promotion of local events. In particular different sections in the web page or LinkedIn page of YSF will be the ideal place to increase the visibility of these events. I also saw how many young scientists joined the YSF events organized in Maastricht in the last ESB Conference and it would be beneficial to create an effective network among us, beyond the organization of these enjoyable activities.

**Communication skills:**

Concerning my languages knowledge, Italian is my mother language and I am able to speak fluently (written and oral communication) English at professional level (C2). I have also knowledge of German (B1 level) and basic knowledge of French (A1 level).