

**Сведения о претенденте, участвующем в конкурсе на замещение должности  
Доцента по направлению «Математика и теоретическая информатика» (1,00 ст.) (п.1.2. приказа от 26.01.2018 No 436/1)  
на заседании Ученого совета СПбГУ**

Ф.И.О.	<b>И К Дассиос (I K Dassios)</b>
Ученая степень	<p>1) PhD in Mathematics, 2) Master at Applied Mathematics, and Numerical Analysis, 3) BSc Mathematics:</p> <p>I studied Mathematics and completed a <b>two-year MSc</b> in Applied Mathematics &amp; Numerical Analysis at the Department of Mathematics, <b>University of Athens, Greece</b> with grade "Excellent" (highest mark in the Greek system).</p> <p>As a MSc student I received a travel grant to visit the Department of Mathematics at the <b>University of North Texas, USA</b>. There I studied a partial differential equation's geometric evolution problem of networks of triple junctions in planar domains and I wrote my MSc dissertation.</p> <p>In July 2012 I received my <b>PhD in Mathematics</b> from the Department of Mathematics, <b>University of Athens, Greece</b>, focusing on singular dynamical systems and their applications.</p>
Ученое звание	<p>Currently, I am a Senior Researcher at ESIPP, <b>University College Dublin, Ireland</b>. My main research duties are to plan and manage my own research activity in Mathematics in collaboration with internal and external researchers.</p> <p>In the past I had the following positions:</p> <p>I worked for fifteen months as a Post-Doctoral Research &amp; Teaching Fellow in Optimization at the School of Mathematics, <b>University of Edinburgh, UK</b>. There, I worked on second order methods for compressed sensing problems with coherent and redundant dictionaries and on singular systems of fractional nabla difference equations. We also produced a software, <b>pdNCG: primal-dual Newton Conjugate Gradients</b>, a MATLAB implementation for the solution of unconstrained <math>l_1</math>-regularized problems which is available online.</p> <p>I worked for six months as a Post-Doctoral Research Associate at the Modelling and Simulation Centre, <b>University of Manchester, UK</b>. There I worked on the theoretical development and computational implementation in the non-linear mechanics of discrete systems representing materials microstructures. We focused on methods for steel microstructure to lattice mapping and plasticity formulation for lattice.</p> <p>I have also been a Post-Doctoral Researcher at MACSI (Mathematics Applications Consortium for Science and Industry), Department of Mathematics &amp; Statistics, <b>University of Limerick, Ireland</b>, and a Senior researcher at ERC, <b>University College Dublin, Ireland</b>.</p>

Научно-педагогический стаж	17 years
Количество публикаций за последние 3 года в изданиях, индексируемых РИНЦ, Web of Science Core Collection или Scopus	за период 2012-2017, Scopus – 29, MathSciNet – 20 Please note that my research track record, includes <b>39 papers</b> to date in journals from world leading publishers in Mathematics such as: <b>SIAM</b> (SIAM Journal on Scientific Computing), <b>Springer</b> (Boundary Value Problems, Circuits, Systems and Signal Processing, Advances in Difference Equations, Journal of Economic Structures, Journal of Industrial Engineering International), <b>Elsevier</b> (Applied Mathematics and Computation, Journal of Computational and Applied Mathematics, Computers & Mathematics with Applications, Applied Mathematical Modeling, Electric Power Systems Research), <b>IEEE</b> (Power Systems IEEE Transactions, IEEE Transactions on Circuits and Systems I), <b>Wiley</b> (Mathematical Methods in the Applied Sciences), etc.
Индекс Хирша по РИНЦ, Web of Science Core Collection или Scopus	Scopus = 130 citations, h-index 7
Количество заявок, поданных за последние три года, с целью получения финансирования на выполнение научных исследований:	3
- от российских научных фондов	
- от зарубежных научных фондов	3
- из других внешних источников	2
Количество договоров на выполнение научных исследований, в которых за последние три года претендент участвовал в качестве руководителя (ответственного исполнителя), с указанием года заключения, срока, названия и объема финансирования каждого:	
- с российскими научными фондами	
- с зарубежными научными фондами	
- с другими внешними организациями	
Опыт научного руководства и консультирования за последние 3 года:	4 English & Greek
- число ВКР бакалавров / специалистов	
- число диссертаций магистерских / кандидатских / докторских	4
- число выпускников аспирантуры	2
Опыт учебно-методической работы за последние 3 года:	5
- число разработанных и реализованных учебных курсов	
- число учебников, учебных пособий, прошедших редакционно-издательскую обработку	
Иная информация, предоставленная по инициативе претендента	- Awarded as "Consistently Top Performer" during my last Performance Probation.  - Named a "Top 1 % peer reviewer in Mathematics", Publons Awards 2017.  - Awarded for my contribution to ERC, Ireland, December 2016.  - In the past years I gave 9 invited talks and 15 contributed talks at international conferences, workshops and seminars.  - Beyond my research, I have served as a <b>reviewer 227 times in 55 different</b>

**journals**, I have helped during my Ph.D studies my supervisor in writing funding applications and have also been successful in receiving travel grants several times.

- In addition to research, I have been fortunate to obtain a wide range of teaching experiences. I have served as a teaching assistant and instructor at the University of Athens, Greece, at the University of Edinburgh, UK and in a private Institute for Higher education in Athens, Greece. I have also developed curriculum materials for a variety of courses in mathematics.:

- Analysis I;
- Linear Algebra;
- Analysis II;
- Differential Equations;
- Numerical Analysis;
- Complex Analysis & Partial Differential Equations.

- I have been Organising and Technical Committee Member:

1. Technical Committee of 8th IEEE International Conference on Circuits, System and Simulation (ICCSS 2018), Guangzhou, China, July 14-16, 2018.

2. International Scientific Committee & Chair of Special Session at the International Conference on Applied Mathematics in Engineering (ICAME18), 26-30 June, 2018 in Burhaniye/Balikesir, Turkey.

3. Technical Program Committee at the 4th Annual International Conference on Material Engineering and Applications [ICMEA2017], December, 15th-17th, 2017, Wuhan, China.

4. Organizing Committee Member of International Conference on Mathematical Modelling in Applied Sciences, ICMMAS'17, Saint Petersburg-Russia, July 24-28, 2017.

5. Technical Committee of 7th IEEE International Conference on Circuits, System and Simulation (ICCSS 2017), London, UK, July 14-17, 2017.

6. Committee Member of International Conference on Circuits and Systems, CIRCY 2014.