

## Einan Gardi

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CONTACT INFORMATION	<i>School of Physics, The University of Edinburgh, Edinburgh EH9 3JZ, Scotland, UK</i>	<a href="http://www2.ph.ed.ac.uk/">http://www2.ph.ed.ac.uk/</a> Tel: +44 (0)131 650-6469 Fax: +44 (0)131 650-5902
	<i>E-mail: Einan.Gardi@ed.ac.uk Webpage: <a href="http://www2.ph.ed.ac.uk/~egardi/">http://www2.ph.ed.ac.uk/~egardi/</a></i>	
PERSONAL DATA	Citizenship: Marital status:	Israeli; German married to Merav Kisilevitz, three children
MILITARY SERVICE	Officer in the Israeli Air Force	March 1990 – March 1995
RESEARCH INTERESTS	Theoretical particle physics, phenomenology	
	<ul style="list-style-type: none"><li>• Quantum Chromodynamics: scattering amplitudes, infrared singularities; factorization; resummation; renormalons; power corrections; the high-energy limit</li><li>• collider physics: jets, heavy-particle production, fragmentation, Higgs &amp; top physics</li><li>• flavour physics: B decays, factorization.</li></ul>	
EDUCATION	<b>Undergraduate studies</b>	February 1986 – February 1990
	<i>Technion, Israel Institute of Technology, Haifa, Israel</i>	
	<ul style="list-style-type: none"><li>• B.Sc., Electrical Engineering, <i>Summa Cum Laude</i></li><li>• B.A., Physics, <i>Summa Cum Laude</i></li></ul>	May 1990 May 1990
	<b>PhD</b>	March 1995 – August 1998
	<i>School of Physics and Astronomy, Tel-Aviv University, Israel</i>	awarded July 1999
ACADEMIC POSTS	<ul style="list-style-type: none"><li>• Research Associate <i>Centre de Physique Théorique, Ecole Polytechnique, France</i> and <i>TMR Network: QCD and particle structure Laboratoire de Physique Théorique Université de Paris XI, Orsay, France</i></li><li>• Research Fellow (CERN Fellow) <i>Theory Division, CERN, Geneva, Switzerland</i></li><li>• Research Associate <i>Institut für Theoretische Physik, Universität Regensburg, Regensburg, Germany</i></li><li>• Research Associate &amp; Marie Curie Fellow <i>Cavendish Laboratory and Department of Applied Mathematics &amp; Theoretical Physics, University of Cambridge, Cambridge, UK</i></li><li>• Research Associate <i>School of Physics and Astronomy, The University of Edinburgh</i></li></ul>	October 1998 – October 2000 October 2000 – October 2002 October 2002 – December 2003 January 2004 – October 2007 October 2007 – February 2010

- Lecturer From 1st March 2010  
*School of Physics and Astronomy, The University of Edinburgh*
- Reader 1st August 2012 — present  
*School of Physics and Astronomy, The University of Edinburgh*

#### AWARDS

- Technion President Prize in Physics & Electrical Engineering October 1987
- Technion President Prize in Physics & Electrical Engineering October 1989
- Charles Clore PhD Fellowship for Outstanding Scholars September 1997
- Dotan prize, Tel-Aviv University (PhD) June 1998
- Bi-national French-Israeli Chateaubriand Award October 1999
- CERN Fellowship October 2000
- Individual Marie Curie Fellowship (EU Postdoctoral Fellowship) January 2004

#### TEACHING EXPERIENCE

##### **Present Undergraduate teaching**

- *Dynamics* (2<sup>nd</sup> year) *Dynamics* – Edinburgh 2010 – present
- *Modern Quantum Field Theory* (5<sup>th</sup> year) *MQFT* – Edinburgh 2010 – present

#### RECENT MASTER STUDENT SUPERVISION

##### **Recent Master student supervision**

- Stuart R. Craig (Edinburgh) 2009
- Mark Harley (Edinburgh) 2010
- Alastair Heffernan 2011
- Adrian Bodnarescu 2012
- Mairi McKay 2012

##### **PhD Students**

- Stefan Gottwald (Regensburg, with V.M. Braun) 2002 – 2003
- George Burton (Edinburgh, with A.D. Kennedy) 2007 – 2010
- James Carrington (Edinburgh) 2009 – present
- Samuel Abreu (Edinburgh) 2010 – present
- Mark Harley (Edinburgh) 2011 – present
- Øyvind Almeland (Edinburgh) 2011 – present

#### RECENT CONFERENCE TALKS

- “*Amplitudes 2010*” May 2010  
Queen Mary University of London, UK
- “*CKM 2010*” September 2010  
6th International Workshop on the CKM Unitarity Triangle, University of Warwick, UK
- “*CAQCD 2011*” May 2011  
Continuous Advances in Quantum Chromodynamics, Minneapolis, USA
- *KITP Program: The Harmony of Scattering Amplitudes*, April – July 2011  
University of California Santa Barbara, California, USA.
- *GGI Program: High-energy QCD after the start of the LHC*, September 2011  
The Galileo Galilei Institute, Florence, Italy.
- *DESY WORKSHOP: Event Generators and Resummation* May 2012  
Desy, Hamburg, Germany.
- *ECT\* Trento WORKSHOP: Scattering Amplitudes: from QCD to maximally supersymmetric Yang-Mills theory and back* July 2012  
EXT\* Trento, Italy.
- *IHES WORKSHOP: Amplitudes and Periods* December 2012  
IHES, France.