

AMIT GAL

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Education

- From 2010 **PhD Candidate, Management**, Tel Aviv University, Israel.
Advisor: Prof. Peter Bamberger
- 2009 **M.Sc. Management Science & Applied Economics**, Wharton Business School, University of Pennsylvania, USA.
Specialization: Organizational Behavior & Theory.
- 2004 **M.A. Musicology** (Magna Cum Laude), Hebrew University of Jerusalem, Israel.
Specialization: Music Cognition, Musical semiotics, 20th century Music Theory
Thesis: A cognitive-computational model for musical similarity and a methodology for its verification as a tool for researching musical concepts (Thesis written in Hebrew).
- 1996 **B.Sc. Mathematics** (Magna Cum Laude), Hebrew University of Jerusalem, Israel.
Specialization: Mathematical Logic, Game Theory

Research Interests

I am interested in how collective behaviors emerge from and are affected by individual actions and interactions, focusing mainly on small groups in organizations. I'm interested in the formation of organizational routines, the development of shared or distributed cognitions and the complex ways in which individuals can contribute to collective outcomes. I'm especially interested in sensemaking processes and how meaning is created and communicated through talk and production of texts.

Publications & Conference Presentations

- Gal, Amit & Hellman, Ziv (2010), "Modeling the micro-foundations of routine formation: when expectations match interpretations", Best paper proceedings, 70th Annual Meeting of the Academy of Management, Montreal, Canada.
- Gal, Amit (2010), "Causality and Turning Points: A Formal Model for Settling a Theoretical Dispute", Israel Sociological Society 41st Annual Conference, Israel (in Hebrew).
- Gal, Amit (2005), "Toward an analysis of orchestration – a semiotic approach", Conference on Interdisciplinary Musicology (CIM'05), Montreal, Canada.
- Hellman, Ziv & Gal, Amit (2003), "Structural conflict avoidance in collaborative ontology engineering", in: Camp, O.; Filipe, J.B.; Hammoudi, S.; Piattini, M.G. (Eds.) Enterprise Information Systems V, Kluwer Academic Publisher, Netherlands, pp. 216-225.
- Gal, Amit (2002), "The creative musical workshop – not for musicians only", Conference on "Arts in Education", Tel Aviv (in Hebrew).

Workshops & Additional Training

- Social network analysis summer workshop. LINKS Centre, University of Kentucky, USA (2009).
- Group improvisation, collaborative music making and workshop leading skills – Guildhall School of Music & Drama, London, UK (2000-2001)

Awards

2007-2009	Doctoral Fellowship. Wharton School, University of Pennsylvania.
2001-2004	Departmental Scholarship for MA studies. Musicology department, Hebrew University of Jerusalem.
1992-1995	“Amirim” program fellowship for excellent students. Hebrew University of Jerusalem.
1992	Undergraduate scholarship, Wolf Foundation.
1992, 1993	Appeared on the Dean’s list of outstanding students. Hebrew University of Jerusalem.

Teaching Experience

2002-2004	HEBREW UNIVERSITY OF JERUSALEM, Israel <i>Teaching assistant/Instructor</i> <ul style="list-style-type: none">• Taught an undergraduate class in musicology. (4 semesters)• Initiated a free improvisation extra-curricular workshop for undergraduates.• Presented 3 papers in the departmental research colloquium
1998-1999	OPEN UNIVERSITY, Israel <i>Teaching assistant/Instructor</i> <ul style="list-style-type: none">• Taught college level courses in Calculus and Statistics (4 semesters)

Professional Activity & Service

- Member, Academy of Management (2008-2010)
- Ad hoc reviewer, Journal of Management Studies

Musical Compositions

- Gal, Amit, Quintet No.2 for Oboe, Horn, Guitar, Viola and Piano, commissioned and performed by Kaprizma Ensemble, Jerusalem Music Centre, Jerusalem, 11/2000. Broadcasted on Israeli radio.
- Gal, Amit, Quintet No.1 for Flute, Oboe, Clarinet, Horn and Bassoon, commissioned and performed by Kaprizma ensemble, Targ Music Centre, Jerusalem, 01/1999.

Industry Experience

2004-2007	CADENCE DESIGN SYSTEMS, Israel & UK <i>Senior Engineering Manager</i> <ul style="list-style-type: none">• Led a strategic innovative project, from its conception to its initial release.• Managed a geographically distributed team of 6 developers.• Provided technical leadership affecting the work of up to 15 developers and collaborators. Responsibility for all design and algorithms.• Developed state-of-the-art algorithms for constraint solving in the context of automatic verification of hardware designs, resulting in 2 patent applications.• Collaborated with strategic customers and other teams within Cadence worldwide.
2002-2003	UNICORN SOLUTIONS Ltd., Israel <i>Chief mathematician</i> <ul style="list-style-type: none">• Defined formal models and meta-models for the company’s products. Responsible for the alignment of models with requirements and design.• Researched new methodologies for data modeling, especially for collaborative environments in large organizations.• Developed several algorithms for data manipulation.• Managed one junior mathematician.

1998-2000

TRADEUM Ltd. (later acquired by VerticalNet Inc.), Israel

Algorithm developer and team leader

- Joined this start-up company as the first programmer.
- Developed from scratch a sophisticated matching system and query language, that became the heart of an electronic B2B trading system.
- As the company grew, I recruited and assumed responsibility for the algorithm development team (team size ranged from 1-4 developers).

1996-1997

COMPUGEN Ltd., Israel

Research team member

- Developed novel algorithms for the analysis of protein and DNA structures. Self study of advanced concepts in molecular biology.

Other activities

- Initiated and organized a voluntary community project in which Cadence employees helped children with special needs. I also conducted an ongoing improvisation workshop to a group of these children.
- Conducted several team building and leadership skills development workshops using musical improvisation.
- A keen hiker and mountaineer, I regularly travel and hike in remote places, including Mt. Kilimanjaro, the Himalayas and mountain ranges in Europe, New Zealand, U.S.A, Ethiopia and the Middle East.