

**Prot. IMT n.** 01626(138) III.8. 29.04.16  
**Ufficio** Offerta didattica, dottorato e servizi agli studenti  
**Responsabile** Serena Argentieri  
**Autore** Serena Argentieri  
**Classificazione** III.8

## IL DIRETTORE

**VISTO** lo Statuto di IMT (Istituzioni, Mercati, Tecnologie) Alti Studi, con sede a Lucca, emanato con decreto direttoriale n. 02715(206).I.2.20.09.11, pubblicato sulla G.U. n. 233 del 6 ottobre 2011;

**VISTA:** la Legge 4 novembre 2005 n.230 "Nuove disposizioni concernenti i professori e i ricercatori universitari e delega al Governo per il riordino del reclutamento dei professori universitari" con particolare riferimento all'art.1, comma 10 e il successivo D. M. dell'8 luglio 2008;

**VISTO:** il Decreto del Ministro dell'istruzione, dell'università e della ricerca 22 ottobre 2004, n. 270;

**VISTA:** la Legge 30 dicembre 2010 n. 240 "Norme in materia di organizzazione delle università, di personale accademico e reclutamento, nonché delega al Governo per incentivare la qualità ed efficienza del sistema universitario"; in particolare l'articolo 23 comma 1 che prevede che le università possano stipulare contratti (dal rettore su proposta dei competenti organi accademici) per attività di insegnamento di alta qualificazione al fine di avvalersi della collaborazione di esperti di alta qualificazione in possesso di un significativo curriculum scientifico o professionale.

**VISTO:** il Regolamento del Dottorato di Ricerca di IMT Alti Studi, Lucca;

**VISTO:** il Regolamento sugli incarichi e sui rapporti di lavoro in ambito didattico e scientifico di IMT Alti Studi, Lucca;

**VISTA:** la tabella "Categorie funzionali e relativi diritti" di IMT Alti Studi, Lucca;

**TENUTO CONTO:** la programmazione didattica precedentemente approvata con DDA n. 2016/5 (prot. DD 00813(88).III.8.10.03.16);

**CONSIDERATI:** gli incarichi già assegnati così come evidenziato nella tabella seguente;

## DECRETA

i seguenti affidamenti e la stipula dei contratti con i benefits relativi alla categoria funzionale di riferimento, fatte salve la successiva autorizzazione del Centro di Responsabilità competente e la disponibilità di bilancio:

Ciclo:	XXXI	DDA n.	2016/6
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Basic Numerical Linear Algebra	Luigi Bruignano	AD-a	LE	20	150
Timed Automata and Logics for Real-Time Systems	Luca Aceto	AD-a	LE	20	150
Computer Programming and Methodology	Michele Loreti	AD-a	LE	20	150
Machine Learning and Pattern Recognition	Sotirios Tsaftaris	AD-a	LE	20	150
Networks (Theory of Complex Networks and Financial Networks)	Antonio Scala	AD-a	LE	10	150
Microeconomics	Nicola Dimitri	AD-a	LE	40	150
Game Theory	Nicola Dimitri	AD-a	LE	30	150
Finance	Simone Giansante	AD-a	LE	20	150
Project Management	Beatrice Manzoni	AD-a	LE	30	150
Management of Complex Systems: Approaches to Problem Solving	Andrea Zocchi	AD-a	LE	40	150
Models of Organization of Cultural Institutions	Paola Dubini	AD-a	LE	32	150
Culture and Arts: Economic Analysis and Public Policy	Stefano Baia Curioni	AD-a	LE	24	150

**DDA**  
**Designation for Didactic Activity**

Banking and Finance	Michele Bonollo	AD-a	LE	12	150
Data analysis and management for Cultural Heritage	Raffaele Perego	AD-a	LE	7	150
Data analysis and management for Cultural Heritage	Claudio Lucchese	AD-a	LE	7	150
Designing the cultural experience: 3D graphics for Cultural Heritage	Roberto Scopigno	AD-a	LE	9	150
Designing the cultural experience: 3D graphics for Cultural Heritage	Matteo Dellepiane	AD-a	LE	8	150
Designing the cultural experience: 3D graphics for Cultural Heritage	Marco Callieri	AD-a	LE	8	150
History of Western Modern Art: the rise of a new Pictorial Language between mannerism and baroque	Silvia Ginzburg	AD-a	LE	30	150
Images, Theory of Action, Rationality	Tullio Viola	AD-a	LE	30	150
Critical Thinking	Stefano Gattei	AD-a	LE	10	150
Philosophy of Science	Stefano Gattei	AD-a	LE	10	150
Scientific Writing, Dissemination and Evaluation	Luca Aceto	AD-a	LE	8	150
Analytics and Data Science in Economics and Management 1	Marta Di Lascio	AD-a	LE	20	150
Applied Econometrics	Vincenzo Bove	AD-a	LE	20	150
Macroeconomics	Alessia Paccagnini	AD-a	LE	20	150
Finance	Simone Giansante	AD-a	LE	20	150
Cultural Heritage, Memories, History	Paolo Coen	AD-a	LE	20	150
Software Verification	Gennaro Parlato	AD-a	LE	20	150
Macroeconomics	Davide Ticchi	AD-a	LE	20	150
Arts and Politics	Emiliano Ricciardi	AD-a	LE	6	//
Data Science with Complex Networks	Alessandro Chessa	AD-a	LE	20	150
Convex Optimization	Stephen Boyd	AD-a	LE	20	150
History of Western Modern Art: the rise of a new Pictorial Language between Mannerism and Baroque	David Young Kim	AD-a	LE	15	150
History of Western Modern Art: the rise of a new Pictorial Language between Mannerism and Baroque	Gerardo De Simone	AD-a	LE	15	150
Museum Practices	Carl Brandon Strehlke	AD-a	LE	6	150
Museum Practices	Angela Dalle Vacche	AD-a	LE	8	150
Advanced Topics of Computer Science	Marta Kwiatkowska	AD-a	LE	6	150

\* Opzioni:

AD = affidamento diretto ai sensi del Regolamento sugli incarichi e sui rapporti di lavoro in ambito didattico e scientifico, secondo i criteri specificati (almeno uno)

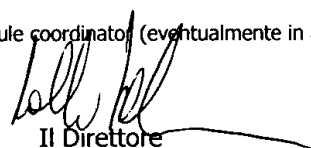
AD-a. L'incarico può essere conferito a esperti di alta qualificazione in possesso di un significativo curriculum scientifico o professionale;

AD-b. Docenti, studiosi o professionisti stranieri di chiara fama. La proposta di incarico è formulata al Consiglio Direttivo previa approvazione del Consiglio Accademico e pubblicizzazione del CV sul sito web della scuola;

VC = affidamento conseguente a valutazione comparativa per soggetti in possesso di adeguati requisiti scientifici o professionali.

\*\*Categorie funzionali: LE=Lecturer, TA=Teaching Assistant, CC=Course/module coordinator (eventualmente in aggiunta a LE o TA)

Lucca, 29/04/2016



Il Direttore  
Scuola IMT Altì Studi Lucca  
(Prof. Pietro Pietrini)



## Stephen P. Boyd – Biography

Information Systems Laboratory, Department of Electrical Engineering, Stanford University

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Stephen P. Boyd is the Samsung Professor of Engineering, and Professor of Electrical Engineering in the Information Systems Laboratory at Stanford University. He has courtesy appointments in the Department of Management Science and Engineering and the Department of Computer Science, and is member of the Institute for Computational and Mathematical Engineering. His current research focus is on convex optimization applications in control, signal processing, and circuit design.

Professor Boyd received an AB degree in Mathematics, *summa cum laude*, from Harvard University in 1980, and a PhD in EECS from U. C. Berkeley in 1985. In 1985 he joined the faculty of Stanford's Electrical Engineering Department. He has held visiting Professor positions at Katholieke University (Leuven), McGill University (Montreal), Ecole Polytechnique Fédérale (Lausanne), Tsinghua University (Beijing), Université Paul Sabatier (Toulouse), Royal Institute of Technology (Stockholm), Kyoto University, Harbin Institute of Technology, NYU, MIT, UC Berkeley, and CUHK-Shenzhen. He holds an honorary doctorate from Royal Institute of Technology (KTH), Stockholm.

Professor Boyd is the author of many research articles and three books: *Convex Optimization* (with Lieven Vandenbergh, 2004), *Linear Matrix Inequalities in System and Control Theory* (with L. El Ghaoui, E. Feron, and V. Balakrishnan, 1994), and *Linear Controller Design: Limits of Performance* (with Craig Barratt, 1991). His group has produced several open source tools, including CVX (with Michael Grant), a widely used parser-solver for convex optimization.

Professor Boyd has received many awards and honors for his research in control systems engineering and optimization, including an ONR Young Investigator Award, a Presidential Young Investigator Award, and the AACC Donald P. Eckman Award, given annually for the greatest contribution to the field of control engineering by someone under the age of 35. In 2013, he received the IEEE Control Systems Award, given for outstanding contributions to control systems engineering, science, or technology. In 2012, Michael Grant and he were given the Mathematical Optimization Society's Beale-Orchard-Hays Award, given every three years for excellence in computational mathematical programming. He is a Fellow of the IEEE and SIAM, a Distinguished Lecturer of the IEEE Control Systems Society, and a member of the National Academy of Engineering. He has been invited to deliver more than 75 plenary and keynote lectures at major conferences in control, optimization, and machine learning.

He currently teaches graduate courses on Linear Dynamical Systems and Convex Optimization, each attracting around 250 students from many departments. From 1988 through 2003 he also taught introductory undergraduate Electrical Engineering courses on Circuits, Signals and Systems, Digital Signal Processing, and Automatic Control, as well as an advanced course on Nonlinear Feedback Systems. In 1994 he received the Perrin Award for Outstanding Undergraduate Teaching in the School of Engineering, and in 1991, an ASSU Graduate Teaching Award. In 2003, he received the AACC Ragazzini Education award, for contributions to control education, with citation: "For excellence in

classroom teaching, textbook and monograph preparation, and undergraduate and graduate mentoring of students in the area of systems, control, and optimization."

His website, which makes available past papers, books, software, lecture notes, and selected lecture videos, is visited more than 1.6 million times per year, not counting accesses to iTunes U, YouTube, Stanford Engineering Everywhere, or MIT Open Course Ware, each of which include courses developed and delivered by Boyd.

At Stanford he has served as director of the Information Systems Laboratory (for ten years), chair of the (university wide) Library Committee, chair of the David Packard EE Building Planning & Design Committee, and as a member of the (university wide) Advisory Board.

# Stephen P. Boyd – Teaching

Information Systems Laboratory, Department of Electrical Engineering, Stanford University

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## Current classes

- *EE103: Introduction to Matrix Methods*. Next taught Autumn quarter 2015–16 by Stephen Boyd.
- *EE263: Introduction to Linear Dynamical Systems*. Next taught Autumn quarter 2015–16 by Sanjiv Lall.
- *EE363: Linear Dynamical Systems*. Not sure when this will be taught.
- *EE364A: Convex Optimization I*. Next taught Summer quarter 2014–15.
- *EE364B: Convex Optimization II*. This will be taught Spring quarter 2014–15 by John Duchi.
- *EE365: Stochastic Control*. Next taught Spring quarter 2014–15 by Sanjiv Lall.

## Older classes

- *EE3920: Optimization Projects*. This course was taught 2003–04. Some of the material from this class was expanded and used in *EE364B: Convex Optimization II*.
- *EE364: Analysis of Nonlinear Feedback Systems*. I developed course notes for this course around 1987, and taught it a few times. Some of the material on Lyapunov analysis was moved to the current *EE363*.
- *EE365: System Identification*. I developed course notes for this course around 1986, and taught it a few times.
- *EE102: Introduction to Signals and Systems*. This course was developed around 1993 or so, and taught by me, and occasionally Abbas El Gamal and Bob Gray, until 2003. We have located videotapes (yes, tapes) of lectures for this class and hope to post them soon.
- *EE101: Introduction to Circuits*. This course was developed by me and Abbas El Gamal in around 1990, and taught mostly by him until 2003.
- *EE103: Introduction to Digital Signal Processing*. I developed course notes for this course around 1993, and taught it a few times.
- *EE105: Introduction to Automatic Control*. I developed course notes and taught this course a few times around 1990–93.