<u>MASSACHUSETTS INSTITUTE OF TECHNOLOGY</u>

<u>School of Architecture and Planning Faculty Personnel Record</u>

Date: April 2020   (partial update)   Full Name: Joseph A. Paradiso
                                              Department: Program in Media Arts and Sciences

1.   **Date of Birth**:   December 20, 1955

2.   **Citizenship**:   USA
          Immigration Status: N/A

3.   **Education:**

School	Degree	Date
MIT	Ph.D. in Physics	May, 1981
Tufts University	BS in Electrical Engineering and Physics	May, 1977

4.   **Title of Thesis for Most Advanced Degree:**

Characteristics of Muon Pair Production in P-P Collisions at Very High Energies as a Probe of Proton Constituents

5.   **Principal Fields of Interest:**

Sensor Networks
Ubiquitous Computing
Energy Management in the Built Environment
Human-Computer Interaction (HCI)

6.   **Name and Rank of Other Departmental Faculty in Same Field:** None

7.   **Name and Rank of Faculty of Other Departments in Similar Fields:**

8.   **Non-MIT Experience (including military service):**

Employer	Position	Beginning	Ending
Draper Laboratory Sensor and Signal Processing Directorate	Technical Staff	4/89	7/94
Swiss Federal Institute of Technology (ETH Zurich) Lab for High Energy Physics	Visiting Scientist	8/92	10/92
Swiss Federal Institute of Technology (ETH Zurich) Lab for High Energy Physics	Visiting Scientist	10/91	12/91
Draper Laboratory Control and Decision Systems Directorate	Technical Staff	2/84	4/89
Swiss Federal Institute of Technology (ETH Zurich) Lab for Nuclear Physics	Postdoc	11/81	12/83
Brookhaven National Laboratory Instrumentation Laboratory	Consulting Physicist	7/81	10/81

Draper Laboratory		Engineering Aide, Summer Staff	6/74	9/77

9. History of MIT Appointments:

Department	Rank	Beginning	Ending
Media Arts and Sciences	Associate Academic Head	9/17	present
Media Arts and Sciences	Professor	7/15	present
Media Arts and Sciences	Associate Prof. w. Tenure	7/07	7/15
Media Arts and Sciences	Associate Professor	7/02	7/07
Media Arts and Sciences	Principal Research Scientist	7/98	7/02
Media Arts and Sciences	Research Scientist	7/94	7/98
Media Arts and Sciences	Research Affiliate	1/93	7/94
Physics Department	Compton Fellow	9/77	9/80

10. Consulting Record:

Firm	Beginning	Ending
Erse IP, P.A. (Technical Expert)	3/20	present
Paul Hastings, LLP (Technical Expert)	12/19	present
O'Melveny & Myers LLP (Technical Expert)	7/19	present
Covington & Burling LLP (Technical Expert)	8/18	present
Wilson Sonsini Goodrich & Rosati, P.C. (Technical Expert)	11/18	present
Orrick, Herrington & Sutcliffe LLP (Technical Expert)	5/18	present
DLA Piper LLP (Technical Expert)	10/18	12/19
Metabolic Design Office (IoT consultant)	7/17	12/17
Baker Botts LLP (Technical Expert)	10/17	12/17
Haynes & Boone LLP (Technical Expert)	8/18	present
Foley & Lardner LLP (Technical Expert)	10/17	present
Morrison & Foerster LLP (Technical Expert)	10/16	11/16
Gibson, Dunn & Crutcher LLP (Technical Expert)	7/15	5/16
Banner & Witcoff, Ltd (Technical Expert)	8/14	11/14
Weil, Gotshal & Manges LLP (Technical Expert)	7/14	4/16
Moog Music Inc. (organized daylong seminar on research in electronic music at MoogFest 2014)	4/14	4/14
Durie Tangri LLP (Technical Expert)	3/14	present
Samsung Electronics (SRFC Expert Reviewer)	2/14	present
Transitio Mexico City (electronic music seminar series)	10/11	10/11
Nokia Research (visiting researcher at NRC Santa Monica)	7/11	8/11
Swedish Foundation for Strategic Research (expert reviewer)	11/10	12/10
Microsoft (visiting researcher at MSR Cambridge UK)	7/10	8/10
Nokia Research Center Activity Review Panel	12/09	12/09
UPF Barcelona (invited week-long seminar series)	4/09	4/09
Microsoft Corp. (Distinguished ALT-TAB for Mobility)	4/08	5/08
Swedish Foundation for Strategic Research (expert reviewer)	3/08	4/08
A.I.E.P. Milano (Seminar series on computer music)	2/07	2/07
Hermann Miller, Inc.	1/05	8/06

Activity	Beginning	Ending
Senera Corporation (Technology Advisory Board)	7/03	7/04
Synectics, Inc.	7/04	7/04
Swedish Foundation for Strategic Research (onsite evaluation)	5/03	5/03
MediaLabEurope, Dublin	6/01	6/02
Diller and Scofidio (architects)	6/00	6/02
University of Limerick (Ireland), External Examiner for Graduate Program in Interactive Media	9/99	9/04
IBM T.J. Watson Research Center	1/99	7/99
British Telecom	4/97	3/99
Fibersense, Inc. (Technology Board Member)	4/97	4/98
Takata Inc., Automotive Systems Laboratory	11/96	12/96
Boston University Photonics Center	11/95	12/95
Optron Systems, Inc.	12/93	4/94
Lyle Mays, Inc.	5/87	12/90
Draper Laboratory	1/78	6/78

11. Department and Institute Committees, Other Assigned Duties

Activity	Beginning	Ending
MIT Committee on Graduate Students	9/17	present
MIT 'Engine' Conflict of Interest Working Group	12/17	12/18
MIT ACT (Art, Culture, Technology) Faculty Search Committee	9/16	7/17
James R. Killian Jr. Faculty Achievement Award		
Selection Committee	7/15	7/17
Selection Committee Chair	7/16	7/17
MIT Creative Arts Council	1/17	present
Media Arts and Sciences Search Committee	7/17	7/18
Faculty Advisor, Media Lab Space Exploration Initiative	1/17	present
Undergraduate Advisor	8/14	8/17
MIT Committee for Launch of the Capital Campaign	6/14	6/14
Music and Theater Arts Faculty Search Committee	1/14	7/15
Media Arts and Sciences Faculty Search Committee	11/13	7/14
MIT CUP (Committee on the Undergraduate Program)	9/12	9/15
MIT Committee on Intellectual Property	9/10	9/16
Media Lab IP Commission Member	1/11	9/12
MISTI Global Seed Funds Proposal Evaluator	10/13	present
2012 d'Arbeloff Alumni Class Funds Review Committee	10/12	12/12
Senior faculty search committee for faculty in Built Environments	6/10	9/11
Member, IPCOM (Media Lab Intellectual Property Committee)	7/13	present
Director, IPCOM (Media Lab Intellectual Property Committee)	1/10	7/13
Manager, Media Lab 'HowTo' orientation seminar for new RAs	9/09	1/13
2020 Committee: Vision for Shared Materials Facilities	7/08	7/09
Technology Broadcasting Corporation Board Member	1/06	present
Horowitz Award Selection Committee (Dept. of Architecture)	5/04	5/06
Media Lab Intellectual Property Committee (IPCOM)	9/03	05/05
MAS Departmental Committee on Graduate Students	8/03	8/04

Deshpande Center Proposal Reviewer	8/03	9/03
IPCOM (Media Lab Intellectual Property Committee)	11/02	present
Media Arts and Sciences Faculty Search Committee	9/02	6/05
Co-Director, Things That Think Consortium (Media Lab)	7/02	7/16
MAS Departmental Committee on Graduate Students	8/00	8/01
Technology Director, Things That Think Consortium (Media Lab)	1/96	5/01

12. Government and Other Outside Committees, Service, etc.:

Committee	Beginning	Ending
Guest Editor, IEEE Pervasive Computing Magazine, Special Issue Managing Attention - Human and Machine Focus in Pervasive Computing	5/19	5/20
Workshop Co-Organizer, 'On-Body Interaction: Embodied Cognition Meets Sensor/Actuator Engineering to Design New Interfaces,' Schloss Dagstuhl (Leibnitz Center for Informatics), Germany	5/18	6/18
Invited Participant, 'Unpacking the Future of IoT', UW Allen School MSR Summer Institute 2017	7/18	8/18
Digital Media & Interaction Research Center, University of Aveiro, Portugal (External Advisory Committee)	1/18	present
Advisory Board, EU H2020 VI-DAS Project	11/17	present
Invited Participant, 2017 UW CSE/MSR Summer Institute, "Unpacking the Future of IOT"	7/17	8/17
Invited Participant, 'Ambient Notification Environments,' Schloss Dagstuhl (Leibnitz Center for Informatics), Germany	4/17	4/17
The San Diego Zoo, Technology/Sensing Consulting Panel	4/17	4/17
Figure8, Inc. (Advisory Board)	4/17	present
Co-Chair, IOT 2017 Conference	1/17	12/17
Pro2Future Austria (Advisory Board)	1/16	present
Guest Editor, IEEE Pervasive Computing (Special Issue on Energy Harvesting and Power Management)	12/15	12/16
Scientific Evaluator, The Hasler Foundation (Switzerland)	12/15	1/16
TPC member: NextMote workshop at EWSN 2016	9/15	1/16
Judge, Guthman Competition, Georgia Tech Music Dept.	2/15	2/15
Strategies In Light Industrial Conference (Advisory Board)	5/15	5/16
Baylor University (External Proposal Reviewer)	4/14	5/14
Appointment Advisory Committee, Faculty of Radiation Science, TU Delft	4/14	5/14
White House Cities, Counties and States Climate Data Workshop	3/14	3/14
World Bank Workshop on Building Climate and Disaster Resilience through Open Data and Innovation	3/14	3/14
AMI'13 (Intl. Conf. on Ambient Intelligence) TPC	6/13	12/13
Habilitation (HRD) Committee, University Pierre et Marie Curie, (CEA) Paris	12/13	12/13
NSF Workshop on Future Directions in Wireless Networking	11/13	11/13
Board of Advisors - Intel Science and Technology Center for	5/13	5/16

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