

## ISSO INVESTIGATORS AND POST-DOCTORAL FELLOWS

---



Carlos Bernal Velazquez and Driss Benhaddou

Manikanden Balakrishnan  
Post-Doctoral Fellow  
Department of Engineering Technology  
College of Technology  
University of Houston  
Houston, TX, 77204-3010  
mbalakrishnan@uh.edu

Driss Benhaddou  
Assistant Professor  
Department of Engineering Technology  
College of Technology  
University of Houston  
Houston, TX 77204-4020  
Phone: (713) 743-5818; FAX: (713) 743 4032  
dbenhaddou@uh.edu

Abdelhak Bensaoula  
Research Professor  
Center for Advanced Materials (CAM)  
College of Natural Science and Mathematics  
University of Houston  
Houston, TX 77204-5004  
Phone: (713) 743-3621; FAX: (713) 747-7724  
bens@uh.edu

Edgar A. Bering III  
Professor  
Department of Physics and  
Electrical and Computer Engineering  
College of Natural Science and Mathematics and  
Cullen College of Engineering  
University of Houston  
Houston, TX 77204-5005  
Phone: (713) 743-3543; FAX: (713) 743-3589  
eabering@uh.edu

Gary D. Boetticher  
Associate Professor  
Division of Computing and Mathematics  
School of Science and Computer Engineering  
University of Houston-Clear Lake  
2700 Bay Area Blvd., MC 017  
Houston, TX 77058  
Phone: (281) 283-3805; FAX: (281) 283-3869  
boetticher@uhcl.edu

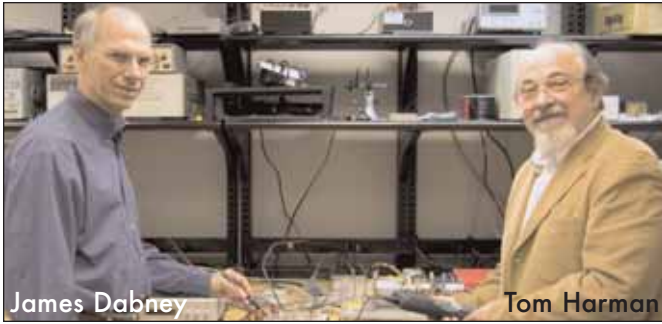
Chris Boney  
Research Scientist  
Department of Physics  
University of Houston  
Houston, TX 77204-5004  
Phone: (713) 743-3621; FAX: (713) 743-7724  
cboney@uh.edu

Angela Carreno  
Post-Doctoral Aerospace Fellow  
Center for Advanced Materials (CAM)  
College of Natural Science and Mathematics  
University of Houston  
Houston, TX 77204-5004  
Phone: (713) 743-3621; FAX: (713) 743-7724

Albert M. K. Cheng  
Associate Professor  
Department of Computer Science  
College of Natural Sciences and Mathematics  
University of Houston  
Houston, TX 77204-3010  
Phone: (713) 743-3353; FAX: (713) 743-3335  
cheng@cs.uh.edu

Paul Cherukuri  
Collaborator, Smalley Institute for Nanoscale Science and  
Technology  
Rice University, MS222  
Houston, Texas 77251-1892  
Phone: (713) 348-6246, FAX: (713) 348-6250

James B. Dabney  
Associate Professor and  
Chair of Systems Engineering Program  
School of Science and Computer Engineering  
University of Houston-Clear Lake, MC 040  
Houston, TX 77058  
Phone: (281) 283-3852; FAX: (281) 283-3707  
dabney@uhcl.edu



**James Dabney**  
**Tom Harman**

Sadegh Davari  
 Professor and Interim Dean  
 School of Science and Computer Engineering  
 University of Houston-Clear Lake  
 2700 Bay Area Blvd., MC 415  
 Houston, TX 77058  
 Phone: (281) 283-3705; FAX: (281) 283-3870  
 davari@uhcl.edu

Patrick Fink  
 NASA-JSC Co-PI  
 Electromagnetic Systems Branch (EV4)  
 Avionic System Division  
 NASA Johnson Space Center  
 2101 NASA Parkway  
 Houston, TX 77058  
 Phone: (281) 483-0973

Yuriy Fofanov  
 Associate Professor  
 Department of Computer Science and  
 Biology and Biochemistry  
 College of Natural Science and Mathematics  
 University of Houston  
 Houston, TX, 77204-3010  
 Phone: (713) 743-8553; FAX: (713) 743-1250  
 yfofanov@uh.edu

George E. Fox  
 Professor  
 Department of Biology and Biochemistry and  
 Chemical and Biomolecular Engineering  
 College of Natural Science and Mathematics and  
 Cullen College of Engineering  
 University of Houston  
 Houston, TX, 77204-5001  
 Phone: (713) 743-8363; FAX: (713) 743-8351  
 fox@uh.edu

Matthew A. Franchek  
 Co-Investigator, Professor and Chairman  
 Department of Mechanical Engineering  
 Cullen College of Engineering  
 University of Houston  
 Houston, TX, 77204-4006  
 Phone: (713) 743-4502; FAX: (713) 743-4503  
 mfranchek@uh.edu

Masaya Fujita  
 Assistant Professor  
 Department of Biology and Biochemistry  
 College of Natural Science and Mathematics  
 University of Houston  
 Houston, TX, 77204-4004  
 Phone: (713) 743-9479; FAX: (713) 743-8351  
 mfujita@uh.edu

Edgar Gabriel  
 Assistant Professor  
 Parallel Software Technologies Laboratory  
 Department of Computer Science  
 University of Houston  
 Houston, TX 77204-3010  
 Phone: (713) 743-3857; FAX: (713) 743-3335  
 gabriel@cs.uh.edu

David Garrison  
 Associate Professor and Program Chair of Physics  
 Natural Sciences Division  
 School of Science and Computer Engineering  
 University of Houston-Clear Lake  
 2700 Bay Area Blvd., MC 039  
 Houston, TX 77058  
 Phone: (281) 283-3796; FAX: (281) 283-3870  
 garrison@uhcl.edu

Karolos Grigoriadis  
 Professor and Director, Aerospace Engineering Program  
 Department of Mechanical Engineering  
 Cullen College of Engineering  
 University of Houston  
 Houston, TX 77204-4006  
 Phone: (713) 743-4387; FAX: (713) 743-5403  
 karolos@uh.edu

Haichang Gu  
 Post-Doctoral Fellow  
 Department of Mechanical Engineering  
 Cullen College of Engineering  
 University of Houston  
 Houston, TX 77204-4006



**Albert M.K. Cheng**

Deniz Gurkan  
Assistant Professor  
Department of Engineering Technology  
College of Technology  
University of Houston  
Houston, TX 77204-4020  
Phone: (713) 743-4037; FAX: (713) 743 4032  
dgurkan@uh.edu

Sharon P. Hall  
Associate Professor  
Computing and Mathematics Division  
School of Science and Computer Engineering  
University of Houston-Clear Lake  
2700 Bay Area Blvd.  
Houston, TX 77058  
Phone: (281) 283-3868; FAX: (281) 283-3707  
perkins@uhcl.edu

Thomas L. Harman  
Professor and Program Chair of Computer Engineering  
Engineering Division  
School of Science and Computer Engineering  
University of Houston-Clear Lake, MC 161  
Houston, TX 77058  
Phone: (281) 283-3774; FAX: (281) 283-3870  
harman@uhcl.edu

Cunqing Hua  
Post-Doctoral Fellow  
Department of Computer Science  
College of Natural Science and Mathematics  
University of Houston  
Houston, TX, 77204-3010  
Phone: (713) 743-1746  
cunqing.hua@gmail.com

Hung-Chung Huang  
Post-Doctoral Research Associate  
Department of Biology and Biochemistry  
University of Texas at Dallas  
Richardson, TX 75083



Manikanden Balakrishnan



Sharon Hall

Alex Ignatiev  
Professor  
Department of Physics  
College of Natural Science and Mathematics  
University of Houston  
Houston, TX 77204-5005  
Phone: (713) 743-3621; FAX: (713) 743-3589  
ignatiev@uh.edu

William C. Jackson  
Collaborator, Biotex, Inc.  
8058 El Rio Drive  
Houston, TX, 77054  
Phone: (713) 202-5425; FAX: (713) 741-0122  
gwjackson@gmail.com

Jeffrey A. Jones, M.D.  
NASA-JSC Co-Investigator  
Space Medicine and Health Care Systems  
Medical Operations Division, NASA Johnson Space Center  
2101 NASA Parkway, SD2  
Houston, TX 77058  
Phone: (281) 483-4418; FAX: (281) 244-7947  
jeffrey.a.jones@nasa.gov

Ioannis Kakadiaris  
Eckhard Pfeiffer Professor and Director,  
Computational Biomedicine Laboratory  
Department of Computer Science  
College of Natural Science and Mathematics  
University of Houston  
Houston, TX, 77204-3010  
Phone: (713) 743-1255; FAX: (713) 743-3335  
ioannisk@uh.edu

Benjamin Longmier  
Post-Doctoral Aerospace Fellow  
Department of Physics  
College of Natural Science and Mathematics  
University of Houston  
Houston, TX 77204-5005  
Phone: (281) 526-0554  
blongmier@uh.edu



Nasr Medelci

David S. McKay  
NASA-JSC PI  
NASA Johnson Space Center  
2101 NASA Parkway, Code SA13  
Houston, TX 77058  
Phone: (281) 483-5048  
david.s.mckay@nasa.gov

Pranob Misra  
Research Scientist  
Integrated Micro Systems, Inc.  
10814 Atwell Dr.  
Houston, TX 77096  
Phone: (713) 743-3621; FAX: (713) 743-7724

Nasr Medelci  
Research Scientist  
Center for Advanced Materials  
University of Houston  
Houston, TX 77204-5004  
Phone: (713) 743-3621; FAX: (713) 743-7724  
nmedelci@uh.edu

John H. Miller, Jr.  
Professor  
Department of Physics and  
Texas Center for Superconductivity  
College of Natural Science and Mathematics  
University of Houston  
Houston, Texas 77204-5005  
Phone: (713) 743-8257; FAX: (713) 743-8201  
jhmiller@uh.edu

Duane L. Pierson  
NASA-JSC Co-PI  
Director, Microbiology Laboratory  
Life Sciences Research Laboratory  
NASA Johnson Space Center  
2101 NASA Parkway, Code SF24  
Houston, TX, 77058  
Phone: (281) 483-7166  
duane.l.pierson@nasa.gov

Lawrence S. Pinsky  
Professor and Chair  
Department of Physics  
College of Natural Sciences and Mathematics  
University of Houston  
Houston, TX 77204-5005  
Phone: (713) 743-3552; FAX: (713) 743-3589  
pinsky@uh.edu

T. Madhan Raghaven  
Post-Doctoral Aerospace Fellow  
Department of Biology and Biochemistry  
College of Natural Science and Mathematics  
University of Houston  
Houston, Texas 77204-5001  
Phone: (713) 743-8364; FAX: (713) 743-8351  
tmad@nsm.uh.edu

Larry Rohde  
Associate Professor of Biology  
Natural Sciences Division  
School of Science and Computer Engineering  
University of Houston-Clear Lake  
2700 Bay Area Blvd., MC 267  
Houston, TX 77058  
Phone: (281) 283-3743; FAX: (281) 283-3709  
rohde@uhcl.edu

Harold Schmidt  
Smalley Institute for Nanoscale Science and Technology  
Rice University, MS222  
Houston, Texas 77251-1892  
Phone: (713) 348-6246, FAX: (713) 348-6250  
hks@rice.edu

Shishir Shah  
Assistant Professor  
Department of Computer Science  
College of Natural Sciences and Mathematics  
University of Houston  
Houston, TX 77204-3010  
Phone: (713) 743-3360; FAX: (713) 743-3335  
shah@cs.uh.edu

Liejune Shiau  
Associate Professor  
School of Science and Computer Engineering  
University of Houston-Clear Lake  
2700 Bay Area Blvd., MC 314  
Houston, TX 77058  
Phone: (281) 283-3724; FAX: (281) 283-3707  
shiau@uhcl.edu



Lawrence Pinsky



Xiaojing Yuan

Liwen Shih  
Associate Professor of Computer Engineering  
Engineering Division  
School of Science and Computer Engineering  
University of Houston-Clear Lake  
2700 Bay Area Blvd., MC 298  
Houston, TX 77058  
Phone: (281) 283-3866; FAX: (281) 283-3870  
shih@uhcl.edu

Wajiha Shireen  
Professor  
Department of Engineering Technology  
College of Technology  
University of Houston  
Houston, TX 77204-4022  
Phone: (713) 743-4080; FAX: (713) 743-4032  
wshireen@uh.edu

Janet Siefert  
Collaborator, Research Assistant Professor  
Department of Statistics  
Rice University  
Mail Code MS-138  
Houston, TX, 77251-1892  
Phone: (713) 348-3891; FAX: (713) 348-5476  
siefert@stat.rice.edu

Gangbing Song  
Professor and Director, Smart Materials and Structures Lab  
Department of Mechanical Engineering  
Cullen College of Engineering  
University of Houston  
Houston, TX 77204-4006  
Phone: (713) 743-4525; FAX: (713) 743-4503  
gsong@uh.edu

David Starikov  
Research Associate Professor  
Center for Advanced Materials (CAM)  
College of Natural Science and Mathematics  
University of Houston  
Houston, TX 77204-5004  
Phone: (713) 743-3621; FAX: (713) 743-7724  
dstarikov@svec.uh.edu

Ricardo Vilalta  
Co-Investigator, Assistant Professor and Co-Director,  
Machine Learning and Data Mining Group  
Department of Computer Science  
College of Natural Science and Mathematics  
University of Houston  
Houston, TX 77204-3010  
Phone: (713) 743-3614; FAX: (713) 743-3335  
ignatiev@uh.edu

David Warmflash, M.D.  
Post-Doctoral Aerospace Fellow  
Texas Center for Superconductivity and  
Department of Biology and Biochemistry  
College of Natural Science and Mathematics  
University of Houston  
Houston, TX, 77204-5001  
Phone: (713) 743-8272; FAX: (713) 743-8351  
david.m.warmflash1@jsc.nasa.gov

Richard C. Willson  
Professor, Co-Investigator  
Department of Chemical and Biomolecular Engineering and  
Biology and Biochemistry  
Cullen College of Engineering and  
College of Natural Science and Mathematics  
University of Houston  
Houston, TX, 77204-4004  
Phone: (713) 743-4308; FAX: (713) 743-4323  
willson@uh.edu

Donald S. Winter  
NASA-JSC Co-PI  
Safety and Mission Directorate  
Shuttle and Exploration Division  
NASA Johnson Space Center  
2101 NASA Parkway  
Houston, TX 77058  
Phone: (281) 483-6855  
d.s.winter@nasa.gov

Jarek Wosik  
Research Associate Professor  
Department of Electrical and Computer Engineering and  
Texas Center for Superconductivity  
University of Houston  
Houston, Texas 77204-5002  
Phone: (713) 743-8237; FAX: (713) 743-8201  
jarek@uh.edu



Photo courtesy of Benjamin Longmier

Honglu Wu  
 Human Adaptation and Countermeasures Division  
 NASA Johnson Space Center  
 2101 NASA Parkway  
 Houston, TX 77058  
 Phone: (281) 483-6470; FAX: (281) 483-3058  
 honglu.wu-1@nasa.gov

T. Andrew Yang  
 Associate Professor  
 Computing and Mathematics Division  
 School of Science and Computer Engineering  
 University of Houston-Clear Lake  
 2700 Bay Area Blvd., MC 041  
 Houston, TX 77058  
 Phone: (281) 283-3835; FAX: (281) 283-3870  
 yang@uhcl.edu

Xiaojing Yuan  
 Assistant Professor  
 Department of Engineering Technology  
 College of Technology  
 University of Houston  
 Houston, TX 77204-4020  
 Phone: (713) 743-1129; FAX: (713) 743-4032  
 xyuan@uh.edu

Wanda Zagozdzon-Wosik  
 Associate Professor  
 Department of Electrical and Computer Engineering  
 Cullen College of Engineering  
 University of Houston  
 Houston, TX 77204-4005  
 Phone: (713) 743-4427; FAX: (713) 743-4444  
 wwsik@uh.edu

Ye Zhang  
 Post-Doctoral Aerospace Fellow  
 Natural Sciences Division  
 School of Science and Computer Engineering  
 University of Houston-Clear Lake  
 2700 Bay Area Blvd., MC 267  
 Houston, TX 77058

Rong Zheng  
 Assistant Professor  
 Department of Computer Science  
 College of Natural Sciences and Mathematics  
 University of Houston  
 Houston, TX, 77204-3010  
 Phone: (713) 743-1746; (713) 743-3335  
 rzheng@uh.edu

David Zimmerman  
 Professor and Associate Chairman  
 Department of Mechanical Engineering  
 Cullen College of Engineering  
 University of Houston  
 Houston, TX 77204-4006  
 Phone: (713) 743-4520; FAX: (713) 743-4503  
 dzimmerman@uh.edu

George Zouridakis  
 Associate Professor and Director, Biomedical Imaging Lab  
 Department of Computer Science  
 College of Natural Sciences and Mathematics  
 University of Houston  
 Houston, TX 77204-3010  
 Phone: (713) 743-8656; FAX: (713) 743-1250  
 zouridakis@uh.edu