

Yale University Wright Laboratory

Faculty and Research Areas 2023-2024



Keith Baker

D. Allan Bromley Professor of Physics

Elementary Particles, Quantum Science & Sensing

ALPHA, ATLAS, Axions, Hidden Sector Photons, Quantum Entanglement



Konrad Lehnert

Professor of Physics (starting July 1)

Astrophysics & Cosmology, Quantum Science & Sensing

ALPHA, HAYSTAC



Helen Caines

Horace D. Taft Professor of Physics

Relativistic Heavy Ions

STAR, ALICE, EIC

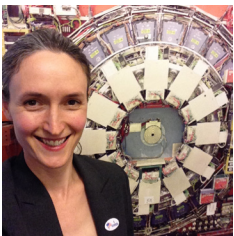


Ian Moult

Assistant Professor

Astrophysics & Cosmology, Elementary Particles, Relativistic Heavy Ions

Theory



Sarah Demers

Professor of Physics, Director of Undergraduate Studies

Elementary Particles

ATLAS, Mu2e



Reina Maruyama

Professor of Physics

Neutrinos & Fundamental Symmetries, Astrophysics & Cosmology, Elementary Particles, Quantum Science & Sensing

ALPHA, CUORE/CUPID, COSINE-100, HAYSTAC, RAY



Jack Harris

Professor of Physics

Quantum Science & Sensing



David Moore

Associate Professor of Physics

Neutrinos & Fundamental Symmetries, Quantum Science & Sensing

NEXO, MAST-QG, QuIPs, SIMPLE



Laura Havener

Assistant Professor of Physics

Relativistic Heavy Ions

ALICE, EIC



Laura Newburgh

Assistant Professor of Physics

Astrophysics & Cosmology, Quantum Science & Sensing

CHIME, CMB-S4, HIRAX, Simons Observatory



Karsten Heeger

Eugene Higgins Professor and Chair of Physics, Director of Wright Lab

Neutrinos & Fundamental Symmetries, Elementary Particles

ALPHA, CUORE/CUPID, DUNE, Project 8, PROSPECT



Paul Tipton

Eugene Higgins Professor of Physics

Elementary Particles

ATLAS



Steve Lamoreaux

Professor of Physics

Astrophysics & Cosmology, Elementary Particles, Quantum Science & Sensing

ALPHA, HAYSTAC



**Wright
Laboratory**

wlab.yale.edu

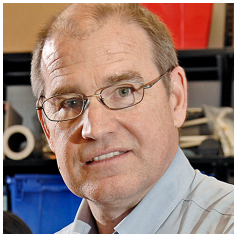
Yale University Wright Laboratory

Adjunct Faculty



Flavio Cavanna
*Professor (Adjunct) of Physics,
Fermilab and University of L'Aquila*

**Neutrinos & Fundamental
Symmetries**
DUNE, LAr detector R&D



Harvey Moseley
*Visiting Fellow, VP Hardware Engi-
neering, Quantum Circuits*

**Astrophysics & Cosmology,
Quantum Physics**
COBE, JWST, KAO, SOFIA, Spitzer,
Japan's X-ray astronomy



Ornella Palamara
*Professor (Adjunct) of Physics,
Fermilab and Laboratori
Nazionali del Gran Sasso*

**Neutrinos & Fundamental
Symmetries**
SBND, DUNE



Jurgen Schukraft
*Professor (Adjunct) of Physics and
CERN*

Relativistic Heavy Ions



Thomas Ullrich
*Professor (Adjunct) of Physics and
Brookhaven National Laboratory*

Relativistic Heavy Ions
EIC

Emeritus Faculty



Charles Baltay
*Eugene Higgins Professor Emeritus
of Physics and of Astronomy*

Astrophysics & Cosmology
DESI, LS4, QUEST, Roman Space
Telescope



Richard Casten
Professor Emeritus of Physics

Nuclear Structure



John Harris
*D. Allan Bromley Professor Emeritus
of Physics*

Relativistic Heavy Ions
ALICE, EIC, STAR



Francesco Iachello
*J.W. Gibbs Professor Emeritus of
Physics*

**Neutrinos & Fundamental
Symmetries**
Theory



Peter Parker
Professor Emeritus of Physics

Nuclear Astrophysics