Yale University Wright Laboratory
Faculty and Research Areas 2022-2023

Keith Baker
D. Allan Bromley Professor of Physics
Elementary Particles
ATLAS, Axions, Hidden Sector Photons, Yale Microwave Cavity Experiment (YMCE)

Steve Lamoreaux
Professor of Physics
Astrophysics & Cosmology, Quantum Physics
HAYSTAC

Helen Caines
Professor of Physics
Relativistic Heavy Ions
STAR, ALICE, EIC

Reina Maruyama
Professor of Physics
Neutrinos & Fundamental Symmetries, Astrophysics & Cosmology
CUORE/CUPID, COSINE-100, DM-Ice, HAYSTAC, IceCube

Sarah Demers
Professor of Physics, Director of Undergraduate Studies
Elementary Particles
ATLAS, Mu2e

David Moore
Associate Professor of Physics
Neutrinos & Fundamental Symmetries, Quantum Physics
EXO-200, NEXO, SIMPLE

Jack Harris
Professor of Physics
Quantum Physics

Laura Newburgh
Assistant Professor of Physics
Astrophysics & Cosmology
ACT, CHIME, HIRAX, Simons Observatory

Karsten Heeger
Professor and Chair of Physics, Director of Wright Laboratory
Neutrinos & Fundamental Symmetries
CUORE/CUPID, DUNE, Project 8, PROSPECT

Paul Tipton
Professor of Physics
Elementary Particles
ATLAS

wlab.yale.edu
Yale University Wright Laboratory
Emeritus, Visiting, and Adjunct Faculty

Charles Baltay
Eugene Higgins Professor of Physics, Professor of Astronomy
Astrophysics & Cosmology
DESI, QUEST

Richard Casten
Professor Emeritus of Physics
Nuclear Structure

John Harris
D. Allan Bromley Professor Emeritus of Physics
Relativistic Heavy Ions
ALICE, STAR, EIC

Francesco Iachello
J.W. Gibbs Professor Emeritus of Physics, Professor of Chemistry
Neutrinos & Fundamental Symmetries

Peter Parker
Professor Emeritus of Physics
Nuclear Astrophysics

Flavio Cavanna
Professor (Adjunct) of Physics and Fermilab and University of L'Aquila
Neutrinos & Fundamental Symmetries
DUNE, LAr detector R&D

Harvey Moseley
Research Affiliate, VP Hardware Engineering, Quantum Circuits
Astrophysics & Cosmology, Quantum Physics
COBE, JWST, KAO, SOFIA, Spitzer, Japan’s X-ray astronomy

Ornella Palamara
Professor (Adjunct) of Physics and 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