MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Welcome to MIT Physics

MIT Physics is one of the largest physics departments in the US and covers a broad range of research areas.

Research divisions
❖ Atomic, Molecular, Optical physics
❖ Astrophysics
❖ Biophysics
❖ Condensed matter (experiment/theory)
❖ Nuclear and particle (experiment/theory)
❖ Plasma physics
❖ Quantum information

Research positions at MIT: Positions may be advertised by the various divisions, laboratories, centers, and institutes, as well as by individual faculty. Please contact division representatives with questions!

Current searches on https://academicjobsonline.org/ajo
Assistant Professor position in astrophysics [link]

Postdoctoral positions:
Center for Theoretical Physics [link] – Nov. 15, 2020
Condensed matter theory [link] – Nov. 7, 2020

Regularly updated lists of positions:
Laboratory for Nuclear Science [link]
MIT Kavli Institute [link]

Recurring fellowships (annual application cycle):
❖ Pappalardo Fellowships – all areas of physics: web.mit.edu/physics/research/pappalardo/index.html
❖ IAIFI Fellowships – intersection of physics and artificial intelligence: https://iaifi.org/fellows.html

MIT is an equal employment opportunity employer

Current department makeup:
- about 75 faculty
- 46 (80) physics (affiliated) postdocs
- more than 250 graduate students
- more than 250 undergraduate physics majors

Affiliated laboratories
❖ Laboratory for Nuclear Science (LNS; both particle and nuclear physics)
❖ MIT Kavli Institute for Astrophysics and Space Research (MKI)
❖ Research Laboratory of Electronics (RL E)
❖ Materials Research Laboratory (MRL)
❖ AI Institute for Artificial Intelligence and Fundamental Interactions (IAIFI)

Contact Information for Individual Divisions

<table>
<thead>
<tr>
<th>Division</th>
<th>Field</th>
<th>Contacts</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABCP</td>
<td>Atomic, Molecular, and Optical (AMO)</td>
<td>Prof. Ibrahim Cissé (<a href="mailto:icisse@mit.edu">icisse@mit.edu</a>)</td>
</tr>
<tr>
<td></td>
<td>Biophysics</td>
<td>Prof. Jeff Gore (<a href="mailto:gore@mit.edu">gore@mit.edu</a>)</td>
</tr>
<tr>
<td></td>
<td>Condensed Matter Experiment (CMX)</td>
<td>Makinde Ogunnaike (<a href="mailto:ogunnaik@mit.edu">ogunnaik@mit.edu</a>)</td>
</tr>
<tr>
<td></td>
<td>Condensed Matter Theory (CMT)</td>
<td>Prof. Senthil Todadri (<a href="mailto:senthil@mit.edu">senthil@mit.edu</a>)</td>
</tr>
<tr>
<td></td>
<td>Plasma</td>
<td>Cedric Wilson (<a href="mailto:wilsonc@mit.edu">wilsonc@mit.edu</a>)</td>
</tr>
<tr>
<td>Astrophysics</td>
<td>Astrophysics</td>
<td>Prof. Ed Bertschinger (<a href="mailto:eberts@mit.edu">eberts@mit.edu</a>)</td>
</tr>
<tr>
<td>Center for Theoretical Physics (CTP)</td>
<td>Nuclear and Particle Theory (NuPat)</td>
<td>Prof. Daniel Harlow (<a href="mailto:harlow@mit.edu">harlow@mit.edu</a>)</td>
</tr>
<tr>
<td></td>
<td>Quantum Information</td>
<td>Patrick Jefferson (<a href="mailto:pjeffers@mit.edu">pjeffers@mit.edu</a>)</td>
</tr>
<tr>
<td></td>
<td>Cosmology</td>
<td>Prof. Tracy Slatyer (<a href="mailto:tslatyer@mit.edu">tslatyer@mit.edu</a>)</td>
</tr>
<tr>
<td>Nuclear and Particle Experiment (NuPax)</td>
<td>Nuclear and Particle Experiment</td>
<td>Prof. Phil Harris (<a href="mailto:pcharris@mit.edu">pcharris@mit.edu</a>)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Prof. Yen-Jie Lee (<a href="mailto:yenjie@mit.edu">yenjie@mit.edu</a>)</td>
</tr>
</tbody>
</table>