DEPARTMENT OF PHYSICS
AND ASTRONOMY

http://physics.tamu.edu (http://physics.tamu.edu/)

Head: G. V. Rogachev

Graduate Advisors: R. Rapp (Physics and Applied Physics); L. Macri (Astronomy)

The physics and astronomy curriculum provides classroom and research experience that prepares a graduate student for a career of either research and teaching at a university, or research and development at an industrial or government laboratory. The courses are well suited to graduate students in chemistry, mathematics, geosciences or engineering, as well as those seeking a graduate degree in physics or astronomy.

The faculty members of the department carry out theoretical and experimental research in the following areas: astronomy, atomic and molecular, computational physics, cosmology, high-energy, low-temperature/condensed matter, materials science, nuclear physics, and quantum optics. Laboratories supporting the experimental programs are well-equipped with modern research apparatus. Special support facilities include an astronomical instrumentation laboratory, access to high-performance computing, a variable-energy cyclotron, and many shared campus facilities.

Faculty

Abanov, Artem G, Associate Professor
Physics & Astronomy
PHD, Texas A&M University, 1998

Adsley, Philip, Assistant Professor
Physics & Astronomy
PHD, University of York, 2013

Agnolet, Glenn, Professor
Physics & Astronomy
PHD, Cornell University, 1983

Allen, Roland E, Professor
Physics & Astronomy
PHD, The University of Texas at Austin, 1969

Bassichis, William H, Professor
Physics & Astronomy
PHD, Case Western Reserve University, 1963

Becker, Katrin, Professor
Physics & Astronomy
PHD, University of Bonn, 1994

Belic, Milivoj R, Professor
Physics & Astronomy
PHD, The City University of New York, 1980

Belyanin, Alexey A, Professor
Physics & Astronomy
PHD, Institute of Applied Physics Russian Academy of Sciences, 1995

Borzenets, Ivan, Assistant Professor
Physics & Astronomy
PHD, Duke University, 2012

Bouhani, Othmane, Research Professor
Physics & Astronomy
PHD, Universite Libre de Bruxelles, Faculte des Sciences, 1999

Chin, Siu A, Professor
Physics & Astronomy
PHD, Stanford University, 1975

Depoy, Darren L, Professor
Physics & Astronomy
PHD, University of Hawaii at Manoa, 1987

Dutta, Bhaskar, Professor
Physics & Astronomy
PHD, Oklahoma State University, 1995

Erukhimova, Tatiana L, Instructional Professor
Physics & Astronomy
PHD, Institute of Applied Physics, Russian Academy of Sciences, 1999

Eusebi, Ricardo, Professor
Physics & Astronomy
PHD, University of Rochester, 2006

Finkelstein, Alexander, Professor
Physics & Astronomy
PHD, Landau Institute for Theoretical Physics, 1972

Ford, Albert L, Professor
Physics & Astronomy
PHD, The University of Texas at Austin, 1972

Fries, Rainer J, Professor
Physics & Astronomy
PHD, University of Regensburg, Germany, 2001

Fry, Edward S, Distinguished Professor
Physics & Astronomy
PHD, University of Michigan, 1969

Gagliardi, Carl A, Professor
Physics & Astronomy
PHD, Princeton University, 1982

Holt, Jeremy W, Assistant Professor
Physics & Astronomy
PHD, Stony Brook University, 2008

Holt, Nathan, Lecturer
Physics & Astronomy
PHD, Texas A&M University, 2016

Kamon, Teruki, Professor
Physics & Astronomy
PHD, University of Tsukuba, 1986

Kaya, Ali, Instructional Assistant Professor
Physics & Astronomy
PHD, Texas A&M University, 2001
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Department</th>
<th>University</th>
<th>Year</th>
</tr>
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<tbody>
<tr>
<td>Kelly, Kevin</td>
<td>Assistant Professor</td>
<td>Physics &amp; Astronomy</td>
<td>Northwestern University</td>
<td>2018</td>
</tr>
<tr>
<td>Kennicutt, Robert Charles</td>
<td>Professor</td>
<td>Physics &amp; Astronomy</td>
<td>University of Washington</td>
<td>1978</td>
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<tr>
<td>Khmelenko, Vladimir</td>
<td>Research Professor</td>
<td>Physics &amp; Astronomy</td>
<td>Institute of Chemical Physics</td>
<td>1984</td>
</tr>
<tr>
<td>Ko, Che-Ming</td>
<td>University Distinguished Professor</td>
<td>Physics &amp; Astronomy</td>
<td>State University of New York at Stony Brook</td>
<td>1973</td>
</tr>
<tr>
<td>Kocharovskaya, Olga A</td>
<td>Distinguished Professor</td>
<td>Physics &amp; Astronomy</td>
<td>Institute of Applied Physics, Russian Academy</td>
<td>1986</td>
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<tr>
<td>Kocharovsky, Vitaly V</td>
<td>Professor</td>
<td>Physics &amp; Astronomy</td>
<td>Institute of Applied Physics, Russian Academy</td>
<td>1986</td>
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<tr>
<td>Kolomenski, Alexandre</td>
<td>Research Professor</td>
<td>Physics &amp; Astronomy</td>
<td>P N Lebedev Physics Institute of the Russian Academy</td>
<td>1980</td>
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<tr>
<td>Kordell, Michael</td>
<td>Lecturer</td>
<td>Physics &amp; Astronomy</td>
<td>Wayne State University</td>
<td>2017</td>
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<tr>
<td>Krolkowski, Wieslaw Z</td>
<td>Professor</td>
<td>Physics &amp; Astronomy</td>
<td>Institute of Physics, Polish Academy of Sciences</td>
<td>1988</td>
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<tr>
<td>Lee, David M</td>
<td>University Distinguished Professor</td>
<td>Physics &amp; Astronomy</td>
<td>Yale University</td>
<td>1959</td>
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<tr>
<td>Macri, Lucas M</td>
<td>Professor</td>
<td>Physics &amp; Astronomy</td>
<td>Harvard University</td>
<td>2001</td>
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<tr>
<td>Mahapatra, Rupak K</td>
<td>Professor</td>
<td>Physics &amp; Astronomy</td>
<td>University of Minnesota</td>
<td>2000</td>
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<tr>
<td>Marshall, Jennifer L</td>
<td>Associate Professor</td>
<td>Physics &amp; Astronomy</td>
<td>Ohio State University</td>
<td>2006</td>
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<tr>
<td>May, Larry</td>
<td>Lecturer</td>
<td>Physics &amp; Astronomy</td>
<td>Texas A&amp;M University</td>
<td>2015</td>
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<tr>
<td>McIntyre, Peter M</td>
<td>Professor</td>
<td>Physics &amp; Astronomy</td>
<td>University of Chicago</td>
<td>1973</td>
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<tr>
<td>Melconian, Daniel G</td>
<td>Professor</td>
<td>Physics &amp; Astronomy</td>
<td>Simon Fraser University</td>
<td>2006</td>
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<tr>
<td>Mioduszewski, Saskia</td>
<td>Professor</td>
<td>Physics &amp; Astronomy</td>
<td>University of Tennessee</td>
<td>1999</td>
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<tr>
<td>Mirabolfathi, Nader</td>
<td>Research Associate Professor</td>
<td>Physics &amp; Astronomy</td>
<td>University of Paris XI</td>
<td>2002</td>
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<tr>
<td>Naugle, Donald G</td>
<td>Professor</td>
<td>Physics &amp; Astronomy</td>
<td>Texas A&amp;M University</td>
<td>1965</td>
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<tr>
<td>Nha, Hyon Cheol</td>
<td>Professor</td>
<td>Physics &amp; Astronomy</td>
<td>Seoul National University</td>
<td>2002</td>
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<tr>
<td>Nodurft, Dawson</td>
<td>Instructional Assistant Professor</td>
<td>Physics &amp; Astronomy</td>
<td>Texas A&amp;M University</td>
<td>2019</td>
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<tr>
<td>Papovich, Casey J</td>
<td>Professor</td>
<td>Physics &amp; Astronomy</td>
<td>Johns Hopkins University</td>
<td>2002</td>
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<tr>
<td>Pokrovsky, Valery</td>
<td>Distinguished Professor</td>
<td>Physics &amp; Astronomy</td>
<td>Tomsk State University</td>
<td>1957</td>
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<tr>
<td>Pope, Christopher N</td>
<td>Distinguished Professor</td>
<td>Physics &amp; Astronomy</td>
<td>University of Cambridge</td>
<td>1980</td>
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<tr>
<td>Rapp, Ralf F</td>
<td>Professor</td>
<td>Physics &amp; Astronomy</td>
<td>Rheinische Friedrich-Wilhelma University, Bonn</td>
<td>1996</td>
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<tr>
<td>Rodriguez Nieva, Joaquin</td>
<td>Assistant Professor</td>
<td>Physics &amp; Astronomy</td>
<td>Massachusetts Institute of Technology</td>
<td>2016</td>
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<tr>
<td>Rogachev, Grigory V</td>
<td>Professor</td>
<td>Physics &amp; Astronomy</td>
<td>National Research Centre</td>
<td>1999</td>
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<tr>
<td>Ross Jr, Joseph H</td>
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<td>Physics &amp; Astronomy</td>
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<td>1986</td>
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<tr>
<td>Safonov, Alexei N</td>
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<td>Physics &amp; Astronomy</td>
<td>University of Florida</td>
<td>2001</td>
</tr>
<tr>
<td>Saslow, Wayne M</td>
<td>Professor</td>
<td>Physics &amp; Astronomy</td>
<td>University of California at Irvine</td>
<td>1968</td>
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</tbody>
</table>
Schuessler, Hans A, Professor  
Physics & Astronomy  
PHD, Universitat Heidelberg, 1964

Scully, Marlan O, Distinguished Professor  
Physics & Astronomy  
PHD, Yale University, 1966

Sezgin, Ergin, Professor  
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Sokolov, Alexei V, Professor  
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Spilker, Justin, Assistant Professor  
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Strigari, Louis E, Professor  
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Suntzeff, Nicholas B, University Distinguished Professor and Regents Professor  
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PHD, University of California at Santa Cruz, 1980

Teizer, Winfried, Professor  
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Toback, David, Professor  
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Tribble, Robert E, Senior Professor  
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Tzortzakis, Stylianos, Professor  
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Xu, Shenglong, Research Assistant Professor  
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Youngs, Michael, Lecturer  
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Zheltikov, Alexey M, Professor  
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PHD, Lomonosov Moscow State University, 1990

Zubairy, Muhammad S, University Distinguished Professor  
Physics & Astronomy  
PHD, University of Rochester, 1979

Masters

- Master of Science in Astronomy (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/arts-and-sciences/physics-astronomy/astronomy-ms/)
- Master of Science in Physics (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/arts-and-sciences/physics-astronomy/physics-ms/)

Doctoral

- Doctor of Philosophy in Applied Physics (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/arts-and-sciences/physics-astronomy/applied-physics-phd/)
- Doctor of Philosophy in Astronomy (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/arts-and-sciences/physics-astronomy/astronomy-phd/)
- Doctor of Philosophy in Physics (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/arts-and-sciences/physics-astronomy/physics-phd/)