

Weekly Calendar & News

August 21-25, 2017

Total Solar Eclipse 2017

- Get ready to enjoy one of nature's most stunning views!



WHAT: LSU Solar Eclipse at the Start (free viewing glasses!!!!!!)

When: Monday, August 21, 2017 from 12 p.m. to 2 p.m.

Where: LSU Parade Grounds

LSU Physics & Astronomy in the News

- [Solar Eclipse at the Start](#)
- [The Sun, The Moon and a Balloon - LSU Students to Launch Weather Balloon To Record the 2017 Eclipse](#)
- [Summer 2017 Graduates](#)
- [Scientists Discover New Magnet with Nearly Massless Charge Carriers](#)
- [Total Solar Eclipse Teachers' Toolkit Tips and tools for teaching and viewing the eclipse safely on Aug. 21](#)
- [Louisiana Space Grant Teams Up with NASA to Livestream Total Solar Eclipse](#)
- [MEDIA ADVISORY: Stephen Hawking Invites Gabriela González to Speak at 75th Birthday Symposium](#)
- [Alum Edward Montiel Soars to New Heights to Explore our Universe](#)
- [Joyoni Dey awarded innovation \(LIFT2\) grant](#)
- [Jonathan Dowling on the implication of quantum physics](#)
- [Baton Rouge imaging collaboration strives to combat obesity and improve cancer treatment](#)
- [LIGO Detects Gravitational Waves for Third Time](#)
- [Kristina Launey Receives Socolofsky Award](#)
- [LSU Physicist Ivan Agullo Awarded Top Gravity Research Prize](#)
- ["Plan a future of science that is best for China" An interview with Dr. Earl Plummer, winner of the 2016 CAS Award for international scientific cooperation](#)
- [The Most Mysterious Star in the Galaxy](#)

New Publications

- ["Misconceptions associated with the Origin of Charge Density Waves," Xuetao Zhu, Jiandong Guo, Jiandi Zhang, and E. W. Plummer, Advances in Physics: X, 2, 622 \(2017\).](#)
- ["Non-Trivial Berry Phase in Magnetic BaMnSb₂ Semimetal," Silu Huang, Jisun Kim, W. A. Shelton, E. W. Plummer, Rongying Jin, Proceedings National Academy of Sciences, 114, 6256 \(2017\).](#)
- ["Interface-induced multiferroism by design in complex oxide superlattices," H.W. Guo, Z. Wang, S. Dong, S. Ghosh, M. Saghayezhian, L. Chen, Y. Weng, A. Herklotz, T.Z. Ward, R. Jin, S.T. Pantelides, Y. Zhu, J. Zhang & E.W. Plummer Proceedings of the Nation](#)
- ["Surface Sum Frequency Generation Spectroscopy from non-centrosymmetric Crystal GaAs \(001\)," Zhenyu Zhang, Jisun Kim, Rami Khoury, Louis H. Haber, and E. W. Plummer, Surface Science, 664, 21 \(2017\).](#)
- ["Mn-induced magnetic symmetry breaking and its correlation with the metal-insulator transition in bilayered Sr₃\(Ru_{1-x}Mnx\)₂O₇," Qiang Zhang, Zhenyu Diao, Rongying Jin, Jiandi Zhang, and Ward Plummer, etc.](#)
- [Manipulating the Polar mismatch at LaNiO₃/SrTiO₃ \(111\) Interface," M. Saghayezhian, Zhen Wang, Hangwen Guo, E.W. Plummer, Jiandi Zhang, Phys. Rev. B \(2017\).](#)
- ["Delicate competing electronic states in ultrathin manganite films," Zhaoliang Liao, Rongying Jin, E. W. Plummer, Jiandi Zhang, Phys. Rev. B, 95, 085130 \(2017\).](#)
- [Dr. Adams recent paper "Research Team Studies SC in Ultrathin Al Films" on the Zeeman PD of epitaxial Al films was featured in Superconducting Week.](#)