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Secret Lives of Middle-Aged Stars Topic for Hybrid Oxford Science Cafe

Delta State professor to discuss life cycles, magnetism during Feb. 15 in-person/virtual event

FEBRUARY 11, 2022 BY EDWIN B. SMITH



OXFORD, Miss. – The life cycles and magnetism of stars is the topic for a hybrid Oxford Science Cafe scheduled for Tuesday (Feb. 15) and organized by **University of Mississippi** physics and astronomy faculty researchers.

The program will be held in-person at Heartbreak (formerly Uptown) Coffee, 265 North Lamar Ave., Suite G, and hosted on Zoom beginning at 6 p.m. Maria Weber, a professor in the Department of Mathematics and Science and director of the Wiley Planetarium at Delta State University, will discuss “Magnetic Furnaces: The Secret Lives of Middle-Aged Stars.”

“Stars have a secret life beyond what we can see with the naked eye,” Weber said. “Some slowly fizzle out over billions of years, and some go out with a bang.”

Questions to be addressed during the 45-minute talk include the life cycle and magnetism of stars as they progress between birth and death, how these stars are building intense magnetism in their deep interiors and how their magnetism may affect their orbiting worlds.

“Find out how well we can predict the sun’s magnetic behavior, if we should be concerned and how our work to understand the sun helps us better understand habitable worlds throughout the galaxy,” she said.

To view the Science Cafe online, go to <https://olemiss.zoom.us/j/99989536748>. Afterward, a link to the recorded talk will be posted at <https://www.phy.olemiss.edu/oxfordsciencecafe/>.

For more information about the Department of Physics and Astronomy, visit <https://physics.olemiss.edu/>.

FILED UNDER: [NEWS RELEASES](#), [PHYSICS AND ASTRONOMY](#)



Maria Weber

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Campus Briefs

Donations Sought for 25th Annual Books and Bears Program

OXFORD, Miss. – The University of Mississippi is asking the community to help spread a little joy this holiday season by donating to the 25th annual Books and Bears program. Donations such as toys, books, dolls, bicycles and other children’s play items are being accepted through Dec. 14. All donations will be collected and sorted

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Mississippi Excellence in Coaching Fellowship Aims to Build Leaders

OXFORD, Miss. – Twenty-five inaugural recipients of the Mississippi Excellence in Coaching Fellowship – a program hosted by the University of Mississippi School of Education in partnership with the Mississippi Association of Coaches and the Mississippi High School Activities Association – are expected to increase their impact on student-athletes and their communities. The coaching fellowship

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Ole Miss In the News

Clarion-Ledger: New Essay Collection Tells the Story of Meredith’s Enrollment

Essays celebrate 60th anniversary of James Meredith’s enrollment at University of Mississippi By Lauren Rhoades Oct. 1 marks the 60th anniversary of James Meredith’s 1962 enrollment at the University of Mississippi as the school’s first African-American student.

“James Meredith: Breaking the Barrier,” a collection of essays edited by UM professor of journalism Kathleen Wickham, honors this historic milestone with

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