

THE DR. AND MRS. SATTI PADDI AND PARVATI REDDY PUBLIC LECTURE

Magnetotactic Bacteria: Nature's Tiniest Navigators

Wednesday
Jan. 31, 2024

7 p.m. in Innovation Hall
Bruneau Centre (IIC-2001)

A reception will follow.

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Although you may have never heard of them, magnetotactic bacteria are everywhere. These tiny organisms have harnessed the power of magnetism to align with the Earth's magnetic field and navigate their aquatic habitats, making them nature's smallest seafarers.

Join us for a journey at the crossroads between physics and biology, into the inner workings of these tiny biological compasses and their relationship to magnetic navigation in higher organisms, sea ecosystems, the geological history of the earth or the possibility of life on Mars.

We will delve into the promising applications of their magnetic properties, spanning fields from medicine to nanotechnology.



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