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Plant Biology Colloquium | How Do Plants Make Time Machines? March 5

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Plant Biology Colloquium | How Do Plants Make Time Machines? March 5

March 1, 2021

Categories: Events

Tags: environmental and plant biology colloquium, environmental and plant biology events, Liang Song



Dr. Liang Song

The [Environmental & Plant Biology Colloquium](#) Series presents [Dr. Liang Song](#) discussing “How do plants make time machines? Story of a novel transcription factor during seed maturation” on Friday, March 5, at 11:50 a.m. via Teams.

Join Zoom Meeting

<https://us02web.zoom.us/j/88194060980?pwd=bHcvQ2lERzdzeDhzT0MwaUc0MU1EUT09>

Meeting ID: 881 9406 0980

Passcode: 6wEAA7

Song is Assistant Professor in the Department of Botany at the University of British Columbia in Canada.

The host is [Dr. Zhihua Hua](#).

Abstract: Seeds are the time machines made by plants for their offspring to travel through space and time, and germinate in a favored environment. Seeds development involves embryogenesis, storage reserve accumulation, desiccation tolerance, and induction of dormancy. These processes are coordinated by many transcription factors under complex spatial and temporal regulation. Using genetic and genomic approaches, we showed how transcription factor networks shape the transition from seeds to seedlings.