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 MEDIA ADVISORY

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Cal Poly Hosts “The Upcoming Revolution in Construction” with Behrokh Khoshnevis On June 4

TO: News Editors, Photo Editors, Assignment Editors and Reporters

WHAT: Behrokh Khoshnevis, inventor of Contour Crafting and Professor of Industrial and Systems Engineering at University of Southern California, will present “The Upcoming Revolution in Construction.” The presentation will focus on Contour Crafting, a mega-scale fabrication process for automated construction of whole structures and subcomponents poised to revolutionize the construction industry.

WHEN: Monday, June 4, at 1 p.m. The media is invited to interview Khoshnevis. The event is free and open to the public.

WHERE: Bonderson Projects Center, Bldg. 197 Rm. 107

BACKGROUND: The nature of construction has remained intensely manual throughout recorded history. Unlike manufacturing, the growth of automation in construction has been slow. A promising new automation approach is Contour Crafting (CC).

Invented by Behrokh Khoshnevis, Contour Crafting is a mega-scale fabrication process aimed at automated construction of whole structures as well as subcomponents. The potential became evident from investigations and experiments with materials and geometries. Using this process, a single house or a colony of houses may be constructed automatically in a single run with all plumbing and electrical utilities imbedded in each house; yet each could be a different design.

The implication is especially profound for emergency shelter construction and low income housing. NASA is exploring possible application of Contour Crafting in building on other planets. This new mode of construction will be one of the very few feasible approaches for building on the Moon and Mars, which are being targeted for human colonization before the end of the century. The process has received international attention and may soon revolutionize the construction industry. For more information please visit www.ContourCrafting.org.

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