



Colloquium

Institute Colloquium: Capturing and encoding shape variations

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Host:

Rapid development of acquisition devices and democratization of easy-to-use modeling tools have resulted in a flood of 3D models. Such data provides a unique opportunity to discover and understand variability in shapes, both inside and across different families (i.e., related shapes). Factorizing such intrinsic variations from acquisition/modeling artifacts can eventually allow us to quantify essence of shape families. Our group has been investigating computational strategies to perform such analysis on large datasets and use the extracted information for shape synthesis and functional modeling. I will present example applications in computational design, re-factoring model databases, and also one example of measuring growth events in plants.

Monday, March 10, 2014 04:30pm - 05:30pm

Raiffeisen Lecture Hall, Central Building



This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station. Please find a schedule of the ISTA Shuttle on our webpage: <https://ista.ac.at/en/campus/how-to-get-here/> The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.