

Cool Algorithms: Video Recording for Future Generations

IAP 2011 class

Wed Jan 5, Thu Jan 6
10am-4pm, 32-G575

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Theoretical computer science is at an exciting time: many major breakthroughs have been made, and the inventors of most major results are still alive. To preserve this history for future generations, the goal of the HiDAlgo project (High-Definition Algorithms) is to record people describing the important algorithms that they invented or that they love, in short freely available videos.

This IAP event will kick off this project. The first day will consist of trial runs, with participants experimenting with recording and editing video of themselves. We will also brainstorm styles for recording different types of lectures, and start developing a website with guidelines for submissions and a public repository of videos. The second day, we'll record a series of (short) invited lectures and edit them to seed this site with an interesting collection which we hope will grow.

Participants from any background welcome. In particular, we'd love your feedback on interview style, format, cinematography, editing, web, algorithms, people, etc.

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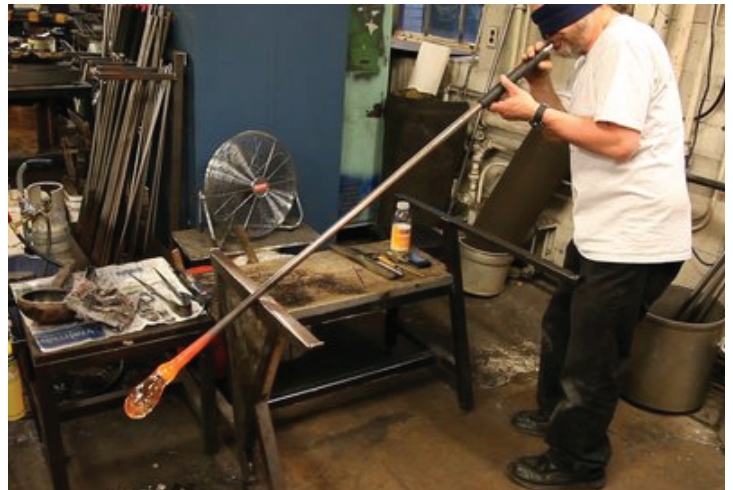
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<http://courses.csail.mit.edu/iap/hidalgo/>



Erik Demaine teaching 6.849 in Fall 2010 (full video lectures available at <http://courses.csail.mit.edu/6.849/fall10/lectures/>)



Martin Demaine blowing glass blindfold (<http://erikdemaine.org/curved/BlindGlass/>)



Jean-Jacques Quisquater giving a test lecture for HiDAlgo