

MAS.968 Design Workshop: **Part 2**

Concept Car with GM and Frank O. Gehry

Prerequisite:
Permission of instructors

G (Spring)

12-21 Units to be
arranged individually

T, Th 2:00-5:00

Instructors

William J. Mitchell
James Glymph
Frank O. Gehry

Visiting Instructor
James Gips

Studio Coordinator
Ryan Chin
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Course Administration
Betty Lou McClanahan
bl@media.mit.edu

Teaching Assistants
Axel Kilian, Franco Vairani

First class meeting
Thursday, February 5, 2004
2:00 pm
Bartos Theater, MIT Media Laboratory

This design workshop is a continuation of the fall course **MAS.966: Concept Car with GM and Frank O. Gehry**. The goal of this design workshop is to radically rethink the relationship of the car and the city. We will pursue this goal, in close collaboration with Frank O. Gehry Partners and General Motors, by developing and critically evaluating designs for a concept car. The eventual outcome, after further development and documentation of a chosen option, will be the construction of a full-scale, running prototype. It will have sufficient intelligence to know the city that it inhabits, and to provide not just transportation, but an efficient, responsive interface to the resources that the city offers. We will be particularly concerned with innovative electronics and software, new materials and processes, and their implications for interior space, exterior form, and the experience of driving. We will work from the beginning in a sophisticated 3D geometric modeling environment (Catia), and we will make extensive use of rapid prototyping and other facilities for producing physical scale models.

Participation in Part 1 of this course is not a prerequisite to Part 2.

