

# CMMA Monthly Seminar

## 第 19 回 CMMA 月例セミナー

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It took 40 ~ 60 months from plan to market of vehicle because a lot of characteristics which are trade-off between each other must be solved. Mathematical Sciences have contributed for developing of CAD/CAM/CAE on which results, 3D CAD has been placed for Cray model, precise model for test car and CAE for experiments. Thanks of revolution of changing of developing style, the development period of vehicle has been so much reduced to 12 ~ 20 months. CAE consists of heat-fluid, sound & vibration, collision-strength-stiffness and optimization. Fortunately author contributed essentially for the subjects except heat-fluid. Here the contents of these CAE are explained and what I did for this CAE are introduced. And at last it will be discussed what type of mathematical sciences will be requested in future for vehicle.

“Mathematical Sciences for  
Revolution of Development Style  
of Vehicle”

日時：2017 年 9 月 25 日 ( 月 ) 16:30-17:30

場所：明治大学 中野キャンパス高層棟 6 階 研究セミナー室 3

主催：

文部科学省 共同利用・共同研究拠点  
明治大学先端数理科学インスティテュート  
現象数理学研究拠点 (CMMA)



■連絡先

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