

6月4日至6日(三天)

Emme 高级培训班

Please note that Emme 高级培训班 (Advanced Topics in Emme) includes selected topics from the following courses.

1. 车辆分配

This course combines an in-depth presentation of the auto assignment model implemented in Emme, with hands-on practice and discussion of concrete examples. The course includes: path analysis, traversal matrices, multiclass assignment, variable demand assignment and some advanced auto analyses. This course is designed for users who have experience using the Emme basic auto assignment and who are interested in using the auto assignment for advanced applications. Participants must have completed the Introduction to Emme course, or have equivalent experience with Emme.

2. 公交分配

This course combines an in-depth presentation of the transit assignment model implemented in Emme, with hands-on practice and discussion of concrete examples. The course includes: transit network representation and coding, analysis of transit trips, and some advanced transit analyses involving fares, timetables or congestion. This course is designed for users who have experience using the Emme basic transit assignment and are interested in using the transit assignment for advanced applications. Participants must have completed the Introduction to Emme course, or have equivalent experience with Emme.

3. 矩阵分析计算

This course presents the tools that Emme provides for manipulating matrix data: matrix calculator, balancing procedures and matrix convolutions. The balancing procedures are used to implement various distribution models. Applications of matrix convolutions include zone selection for park-and-ride, and trip chaining models. Participants must have completed the Introduction to Emme course, or have equivalent experience with Emme.

6月4日至5日(二天)

交通规划建模培训班(土地使用, 交通需求预测, 四步骤模型与修正, 一体化实例剖析)

This course presents the overview of the traditional four-step model process and its integrated applications. It contains topics including Surveys, Network Characteristics, Trip Generation Rates, Auto Occupancy, Trip Distribution, Mode Choice, Traffic Assignment, External Stations, Mobile Population, Transit Ridership and Validation etc. This course is designed for users who have basic modeling experience, but have not gone through whole model process from data collection, network development to model calibration/validation. The first day of this course mainly focuses on planning process and modeling concepts. The second day mainly presents model implementation and integrated applications.