

일시 : 2018년 7월 16일(월) | 장소 : 경기도 분당 'CST 한국지사'

교육 프로그램

시간	교육내용
09:30~10:30	Introduction of CST products and Applications
13:00~12:00	Basic & Advanced Modeling View Option, Primitives, Pick Point, Basic Modeling, Working Coordinate System, Boolean Operations, Curve Modeling Tools, Blend and Chamfer Edges, Loft, Shell Solid or Thicken Sheet, Align Object, Rotate and Extrude Operation, Transform Operation, Slice by UV Plane, Bend Sheet, History, Ribbon GUI, Customize Ribbon, Customize Shortcuts, Quick Access Toolbar Introduction to CST DESIGN STUDIO <ul style="list-style-type: none"> • Introduction to CST DESIGN STUDIO • Management of the multiple project with results
12:00~13:00	Lunch
13:00~15:30	Example 1 : Low Pass Filter Analysis <ul style="list-style-type: none"> • Basic modeling using Ideal lumped element Example 2 : Microstrip Feeding Network Design <ul style="list-style-type: none"> • Basic modeling using microstrip block Example 3 : Transformer Test <ul style="list-style-type: none"> • Introduce transformer block Example 4 : Internal Grounds Test <ul style="list-style-type: none"> • Define the Microstrip coupled line blocks & gaps, Introduce ground symbol on CST DS Example 5 : Change Current Flow <ul style="list-style-type: none"> • Understand AC, Combine Result Example 6: EMI Analysis of Differential Signal <ul style="list-style-type: none"> • Transient task, True transient co-sim., Standard transient co-sim
15:30~17:00	Introduction to System Assembly and Modeling <ul style="list-style-type: none"> • All Blocks as 3D model, All Blocks as Schematic Model, Phased Array Antenna, Field Source Coupling, Multiphysics (EM-Thermal) [Option1]: Construction of 3D Models from parts & Field Source Coupling Simulation <ul style="list-style-type: none"> • Construction from Layouts & Waveguide Blocks • Optimize Filter in CST DESIGN STUDIO and Verify in CST MICROWAVE STUDIO <ul style="list-style-type: none"> - Modeling and Optimization using Filter Designer 2D • Antenna Placement Simulation <ul style="list-style-type: none"> - Solver choice for electrically large structure - Antenna design using AntennaMagus - Aligning antennas on aircraft using anchor points - Field source coupling simulation [Optiop2]: Introduction to Phased Array Antenna <ul style="list-style-type: none"> • Create Unit Cell Simulation Project • Create Full Array Simulation Project [Optiop3]: Introduction to Multiphysics Simulation <ul style="list-style-type: none"> • Coupled Multiphysics(EM-Thermal-Mechanical) Simulation <ul style="list-style-type: none"> - Setup EM-Thermal Co-Simulation Using Wizard - Mechanical simulation

Choose CST STUDIO SUITE - Complete Technology for EM Simulation

