

일시 : 2018년 5월 16일(수) | 장소 : 경기도 분당 "CST 한국지사"

교육 프로그램

시간	교육내용
10:00~11:00	<ul style="list-style-type: none"> □ Introduction of CST products and Applications
11:00~12:00	<ul style="list-style-type: none"> □ Built-In Help Mechanisms □ Basic and Advanced Modeling <p>Shortcut Icon, View Option, Primitives, Pick Point, Working Coordinate System, Boolean Operations, Basic Modeling, Curve Modeling Tools, Blend and Chamfer, Edges, Loft, Shell Solid or Thicken Sheet, Rotate and Extrude Operation, Transform, Operation, Slice by UV Plane, Align Object, Bend Sheet, History</p>
12:00~13:00	<ul style="list-style-type: none"> □ Lunch
13:00~14:30	<ul style="list-style-type: none"> □ Workflow Example1 : EMP and Lightning strikes analysis (CST MWS Time domain solver) <ul style="list-style-type: none"> ▪ Modeling, Simulation Setting <ul style="list-style-type: none"> - Unit, Background Materials, Boundary and Symmetry Conditions - Direction of Plane wave, Meshing, Field monitors - Solver Setting (Time domain solver) ▪ Result Overview - transient response , 3D Electric field distributions, Surface current distributions
14:30~15:00	<ul style="list-style-type: none"> □ Investigation of RCS Simulation <ul style="list-style-type: none"> ▪ Simulation Setting <ul style="list-style-type: none"> - Frequency Range setting, Boundary Condition - Direction of the incident wave, Meshing - Solver Setting (Time domain solver) ▪ Parameter sweep, Post-processing ▪ Monostatic RCS, Bistatic RCS, Broadband RCS ▪ Comparison of RCS between Theoretical and Simulation
15:30~16:00	<ul style="list-style-type: none"> □ Workflow Example 3 : Monostatic RCS of a aircraft (CST MWS Integral equation solver, Asymptotic solver) <ul style="list-style-type: none"> ▪ Modeling, Simulation Setting <ul style="list-style-type: none"> - CAD Import, Field Monitor - Solver Setting (Integral equation solver, Asymptotic solver) ▪ Result Overview - Monostatic RCS ▪ Parameter Sweep & Optimizer ▪ Broadband RCS Simulation
16:00~16:30	<ul style="list-style-type: none"> □ Workflow Example 4 : RCS of aircraft coated with Radar Absorbent Material (RAM) (CST MWS Integral equation solver, Asymptotic solver) <ul style="list-style-type: none"> ▪ Modeling, Simulation Setting <ul style="list-style-type: none"> - CAD Import, Field Monitor - Define Coated material - Solver Setting (Integral equation solver, Asymptotic solver) ▪ Result Overview - Bistatic RCS, Monostatic RCS ▪ Parameter Sweep & Optimizer
16:30~17:00	<ul style="list-style-type: none"> □ Antenna Magus, Acceleration Techniques Overview, Antenna Features & Post-Processing, Macro, Project Templates, Open Discussion

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