

CST Studio Suite – Charged Particle Dynamics

개요	CST PARTICLE STUDIO를 이용한 Charged Particle Dynamics 영역 해석	
효과	<ul style="list-style-type: none"> • CST PARTICLE STUDIO 소개를 통한 툴 사용법 숙지 <ul style="list-style-type: none"> - CST PARTICLE STUDIO 해석 사례 소개 - Solver, 전자기장 Source, Particle Source, Boundary, Material • Charged Particle Dynamics 영역에서 해석 가능한 다양한 예제 시뮬레이션 <ul style="list-style-type: none"> - Electric Gun, Pillbox Cavity, Klystron resonator - (Optional) Gridded Gun, Traveling Wave Tube, Magnetron 	
일정	1 일차	<ul style="list-style-type: none"> • Introduction to CST PARTICLE STUDIO • Overview of Solvers • Static Solver Introduction <ul style="list-style-type: none"> - Electro-Static Solver, Magneto-Static Solver • Quadrupole Simulation • Electric Gun Simulation • Gridded Gun Simulation • Pillbox Cavity Simulation – Wakefield Solver • Klystron Resonator Simulation – PIC Solver • Traveling Wave Tube(TWT) Simulation • Multipacting in Waveguide Components and Cavity

