

Session Program

Jul 24 - 29, 2022

**2022 Summer School on Cosmology and
Particle Physics**

기초 입자물리학

CTPU PTC, Seminar Room
CTPU, 4th floor Theory Building, IBS, Daejeon

Mon, July 25

9:30 AM

기초 입자물리학

Session | **Location:** CTPU PTC, Seminar Room, CTPU, 4th floor Theory Building, IBS, Daejeon

9:30 - 10:30 AM

1. Quantum Fields and Particles

10:30 - 11:30 AM

2. Gauge Principle

12:00 PM

Tue, July 26

1:30 PM

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Session | **Location:** CTPU PTC, Seminar Room, CTPU, 4th floor Theory Building, IBS, Daejeon

1:30 - 2:30 PM **3. QED**

2:30 - 3:30 PM **4. Yang-Mills Theory : QCD and Weak Interaction**

3:30 - 4:30 PM

5. Standard Model : Higgs mechanism, gauge bosons, quarks and leptons

4:30 PM