

# FP8-29 Speech Communication

## Course Description

### **Purpose:**

- To provide the students with a basic **comprehension** of the methods and models applied in speech communication systems

### **Contents:**

- Physical conditions in speech productions and -perception
- Models for speech production
- Models for speech perception
- Basic techniques in speech coding
- Basic techniques in speech and speaker recognition
- Basic techniques in speech synthesis

### **Prerequisites:**

7<sup>th</sup> Semester EE and CS, or similar.

### **Duration:**

1 ECTS

### **Category:**

Project theme course (PE- course)