



Electronics Systems (938II)

Lecture 0 – Teacher intro and contacts, course intro

My contacts and reception info

- Luca Crocetti
 - Assistant Professor at the Department of Information Engineering (University of Pisa)
 - Contacts
 - E-mail luca.crocetti@unipi.it
 - Teams a026770@unipi.it
 - Website https://people.unipi.it/luca_crocetti/en/



My contacts and reception info

- Luca Crocetti
 - Student reception:
 - Booking via e-mail (or Teams)
 - Remote reception (via Teams) – Mainly
 - Physical reception – Possible, but to be scheduled a few days in advance



Course intro

- Exam:
 - Oral (only)
 - About 1h (~30' + ~30')
- Electronics Systems: → ~30'
 - Me → ~ 15'
 - Prof. Baronti → ~ 15'
- Telecommunication Technologies → ~30'
 - Prof. Luise → ~ 15'
 - Prof. Bacci → ~ 15'

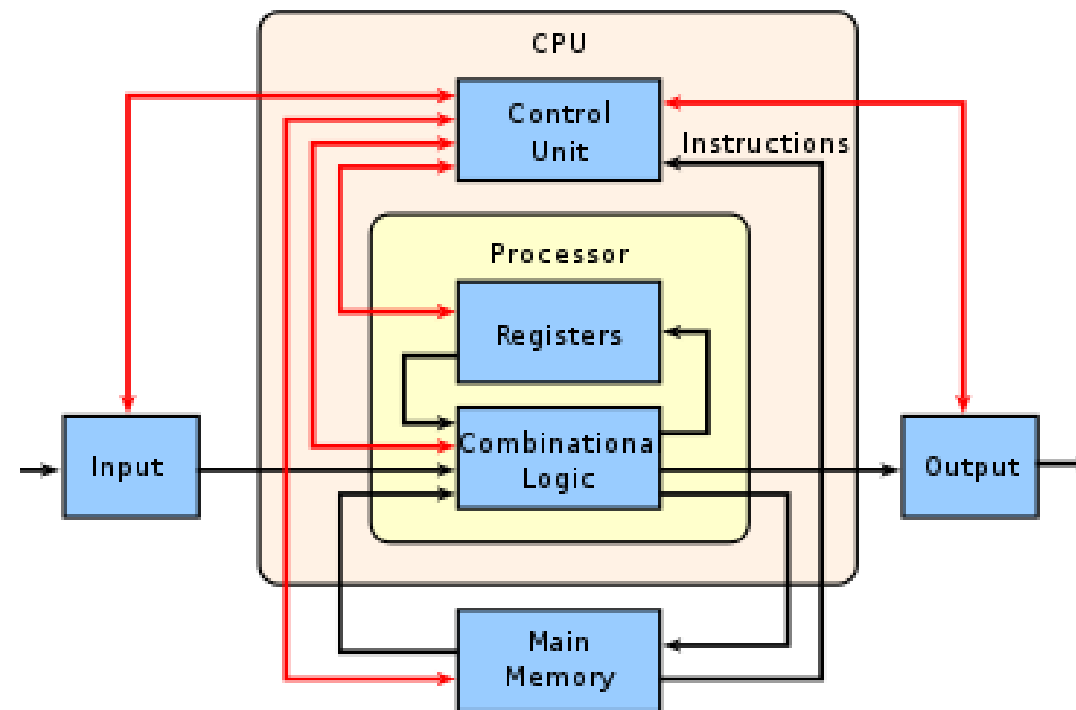
Course intro

- Course content (overview) – Module: Electronics Systems

A journey to understand the main characteristics and components of modern electronic digital systems

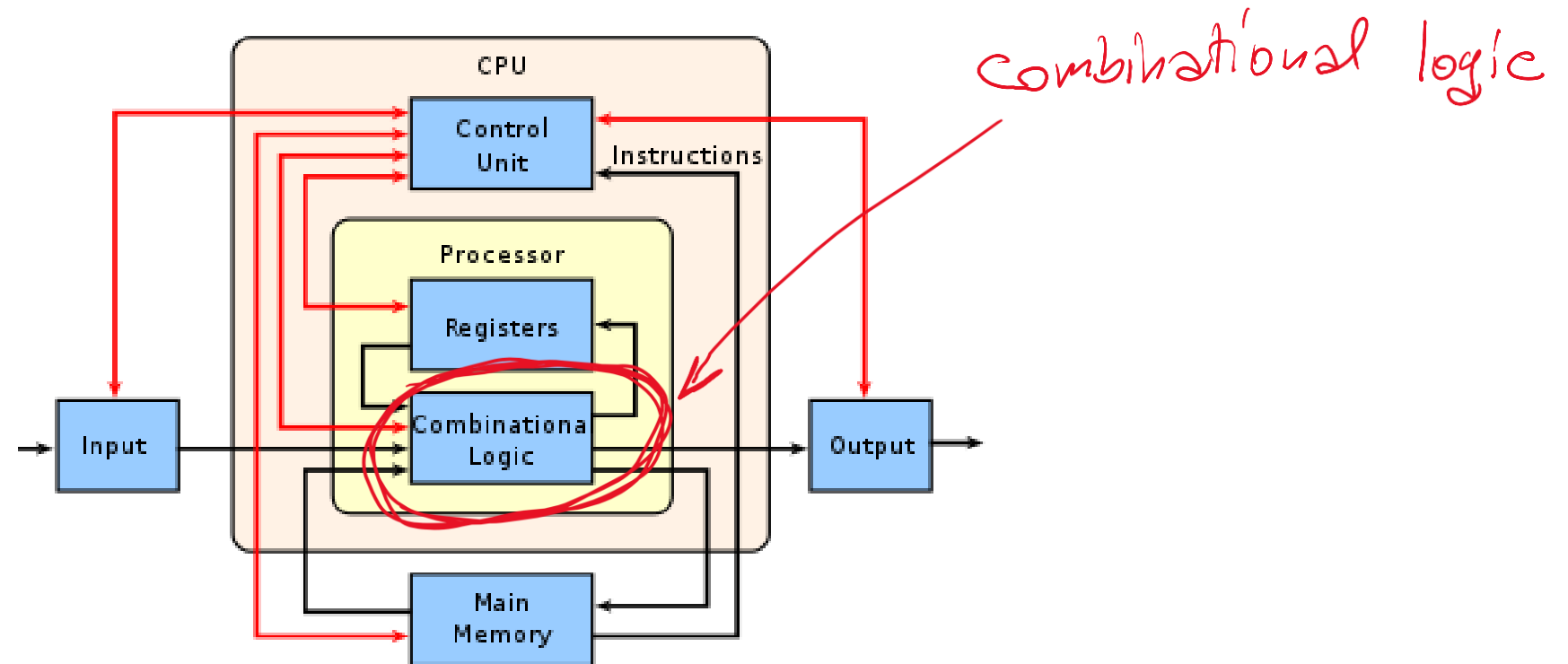
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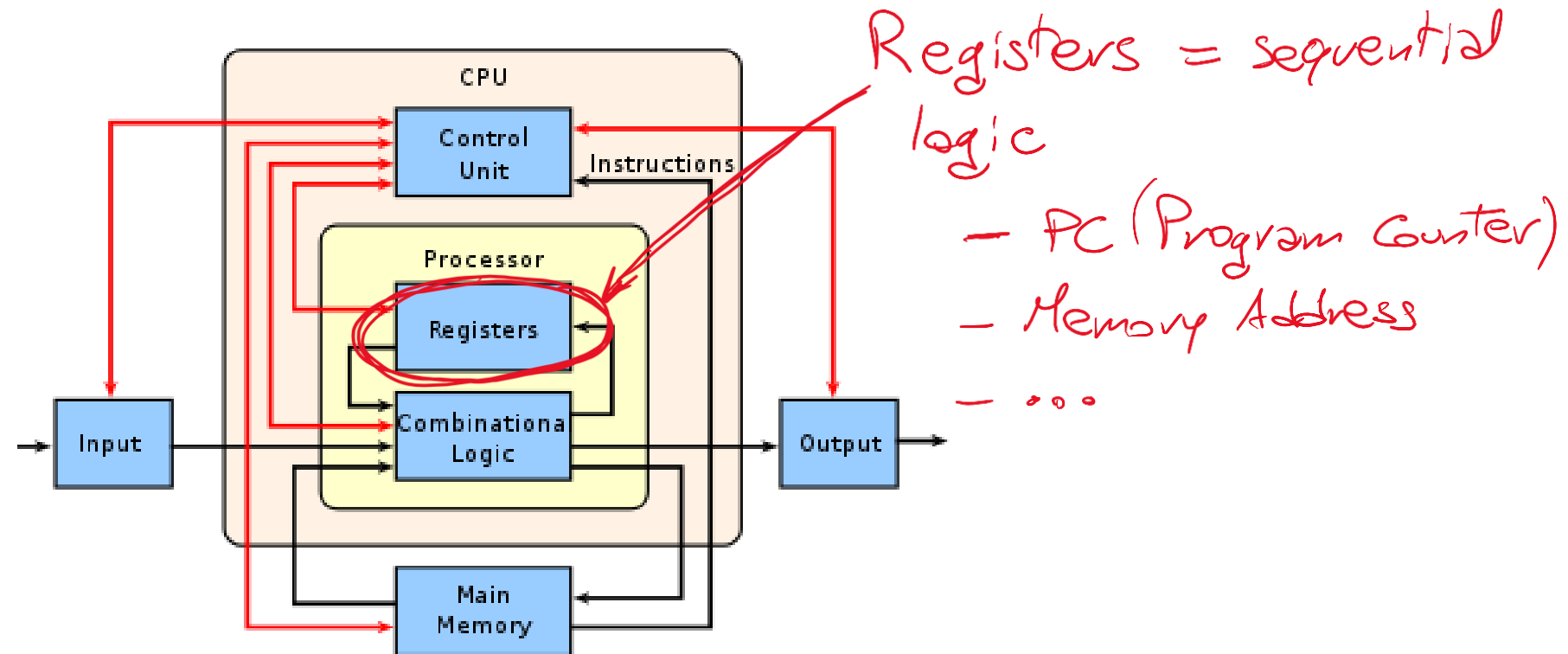
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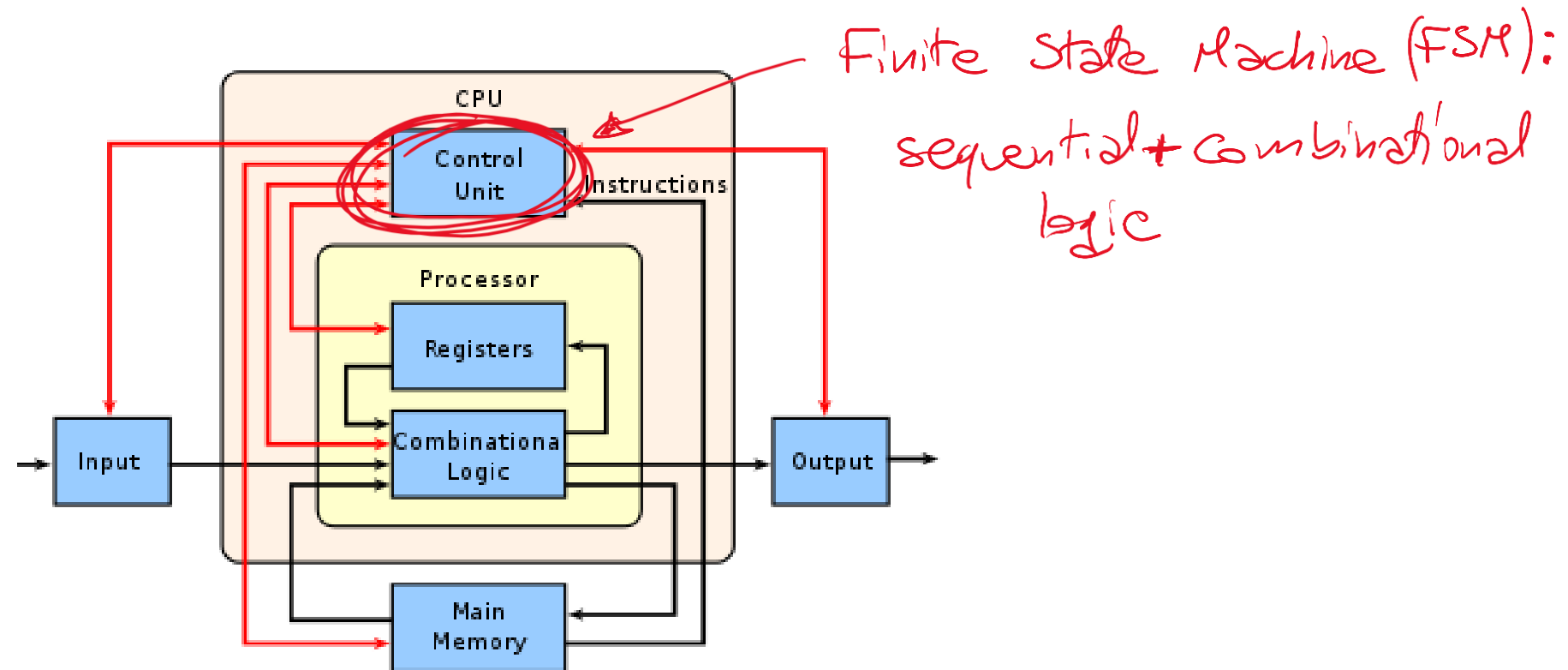
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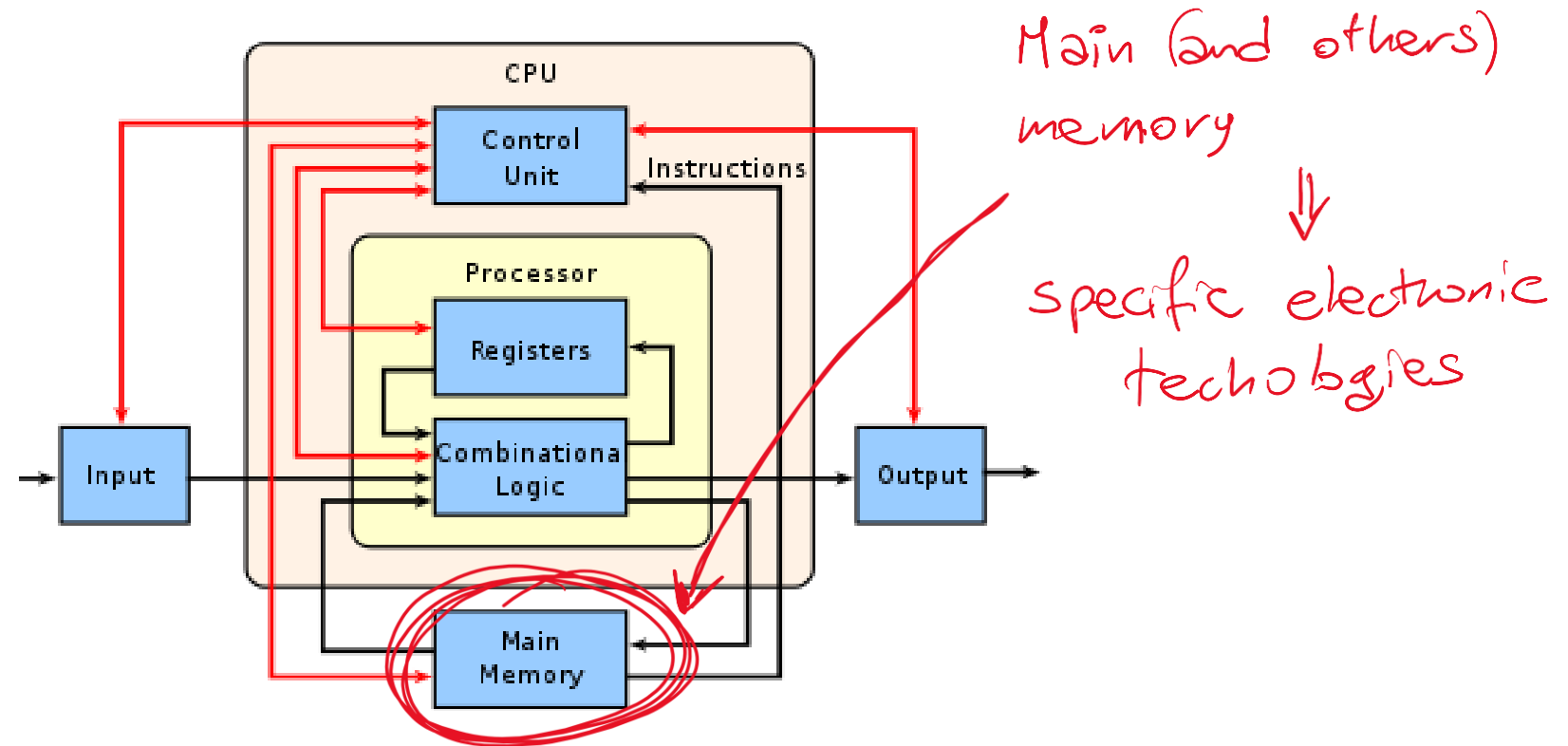
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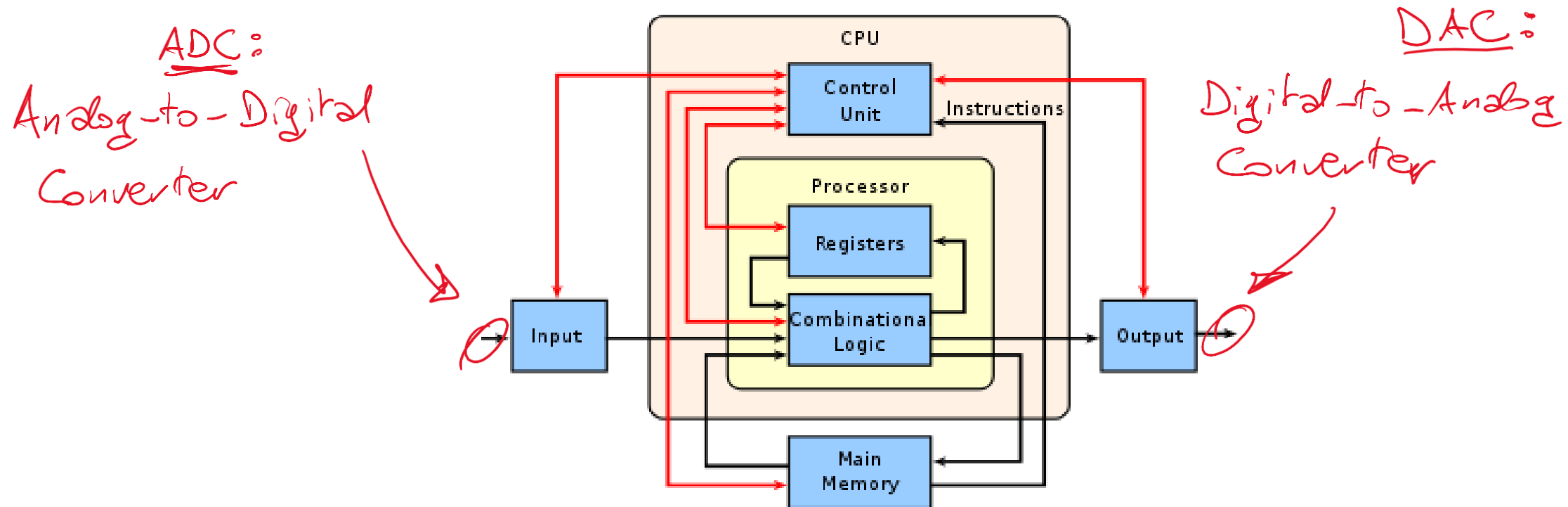
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Course intro

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Course intro

- Course content (overview) – Module: Electronics Systems
 - Basic principles: CMOS technology and digital data representation (F. Baronti)
 - Combinational and Sequential logic elements (L. Crocetti)
 - Finite State Machine (L. Crocetti)
 - Memories (L. Crocetti)
 - Programmable Logic Devices (L. Crocetti)
 - ADC, DAC (F. Baronti)
 - CPU Organisation (F. Baronti)

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Thank you for your attention

Luca Crocetti
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