

**Seasonal School (3<sup>rd</sup> edition) on  
Pervasive ARTificial Intelligence for  
Next-G Softwarized neTworks (ARTIST)**

	Mon, 3/6/2024	Tue, 4/6/2024	Wed, 5/6/2026	Thu, 6/6/2024	Fri, 7/6/2024
<b>Venue</b>	<i>TECIP (White Room)</i>	<i>TECIP (White Room)</i>	<i>TECIP (White Room)</i>	<i>TECIP (White Room)</i>	<i>TECIP (Laboratories, 1<sup>st</sup> floor)</i>
<b>Session Name</b>	<b>Cellular architectures</b>	<b>Networking Technologies</b>	<b>Network softwarization Technologies</b>	<b>Network softwarization Technologies</b>	<b>5G Services and AI</b>
<b>09:00-10:00</b>	Welcome and School program (Prof. Castoldi, Prof. Valcarenghi)	SDN/NFV programmable networks (Prof. Castoldi)	Zero-touch-5G Networks (Prof. Valcarenghi)	5G and beyond: a European view (Dr. Cerutti, Joint Research Center)	5G services, based on eMBB/ULLRC/mMTC (Prof. Castoldi)
<b>10:00-11:00</b>	Cellular and wireless architecture (Prof. Castoldi)	SDN/NFV programmable networks (Prof. Castoldi)	Zero-touch-5G Networks (Prof. Valcarenghi)	Industry 4.0 (Dr. Maggiani, Sma-rty)	5G services, based on eMBB/ULLRC/mMTC (Prof. Castoldi)
<b>11:00-12:00</b>	Cellular and wireless architecture (Prof. Castoldi)	Disaggregated Optical Networks (Ing. Cugini)	P4-based traffic conditioning (Dr. Paolucci)	Network Telemetry (Dr. Sgambelluri)	e-health and Telemedicine (Prof. Castoldi)
<b>12:00-13:00</b>	Cellular and wireless architecture (Prof. Castoldi)	Visible Light Communications (Dr. G. Cossu)	P4-based traffic conditioning (Dr. Paolucci)	Network Telemetry (Dr. Sgambelluri)	e-health and Telemedicine (Prof. Castoldi)
<b>13:00-14:00</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
<b>Venue</b>	<i>TECIP (White Room)</i>	<i>TECIP (White Room and Lab)</i>	<i>TECIP (White Room and Lab)</i>	<i>TECIP (White Room and Lab)</i>	<i>TECIP (White Room and Lab)</i>
<b>Session Name</b>	<b>5G architecture and transport</b>	<b>Hands-on session</b>	<b>Hands-on session</b>	<b>Hands-on session</b>	<b>Hands-on session</b>
<b>14:00-15:00</b>	5G Standards and evolution (Prof. Valcarenghi)	Hands-on session (Topic: RAN) Supervisors: Prof. Valcarenghi	Hands-on session (Topic: P4) Supervisors: Dr.. Sgambelluri,	Hands-on session (Topic: Telemetry) Supervisors: Dr.. Sgambelluri, (A. Pacini)	Hands-on session (Topic: AI) Supervisors: Prof. Valcarenghi, Dr. Sgambelluri (E. Paolini)
<b>15:00-16:00</b>	5G Standards and evolution (Prof. Valcarenghi)	Hands-on session (Topic RAN) Supervisors: Prof. Valcarenghi	Hands-on session (Topic: P4) Supervisors: Dr.. Sgambelluri, Dr. Paolucci, (D. Scano)	Hands-on session (Topic: Telemetry) Supervisors: Dr.. Sgambelluri, (A. Pacini)	Hands-on session (Topic: AI) Supervisors: Prof. Valcarenghi, Dr. Sgambelluri
<b>16:00-17:00</b>	Backhaul optical networking (Prof. Valcarenghi)	Hands-on session (Topic VLC) Supervisor: Dr. G. Cossu	Hands-on session (Topic: P4) Supervisors: Dr.. Sgambelluri, Dr. Paolucci, (D. Scano)	Hands-on session (Topic: Telemetry) Supervisors: Dr.. Sgambelluri, (A. Pacini)	Hands-on session (Topic: AI) Supervisors: Prof. Valcarenghi, Dr. Sgambelluri (E. Paolini)
<b>17:00-18:00</b>	Backhaul optical networking (Prof. Valcarenghi)	Hands-on session (Topic VLC) Supervisor: Dr. G. Cossu	Hands-on session (Topic: P4) Supervisors: Dr.. Sgambelluri, Dr. Paolucci, (D. Scano)	Hands-on session (Topic: Telemetry) Supervisors: Dr.. Sgambelluri, (A. Pacini)	Hands-on Closing remarks Prof. P. Castoldi Prof. Luca Valcarenghi
<b>Evening</b>	<i>Get-together At Sant'Anna Main Building</i>				

The Final Exam will be based on reports on hands-on session and lectures and it will be taken after one week.