

Day 1 Sunday 16/07/2023	<ul style="list-style-type: none"> Welcome of the students (Bar at City Center) <p style="text-align: right;">Christophe Picard</p>
Day 2 Monday 17/07/2023	AM : <ul style="list-style-type: none"> Opening presentation of the summer school Academic presentation on the issues and needs around climate-related codes PM : <ul style="list-style-type: none"> The global climate system and its modelling <p style="text-align: right;">(Christophe Picard, Olivier Boucher, Christian Pagé)</p>
Day 3 Tuesday 18/07/2023	AM : Climate Data Analysis <ul style="list-style-type: none"> Accessing Climate Simulation Data Downscaling and Bias correction methods Calculating Climate Indices to study climate and its extremes Artificial Intelligence and Climate Modelling and Data Analysis PM : <ul style="list-style-type: none"> Mini Projects - Practical exercises <p style="text-align: right;">(Christian Pagé, Ronan Guivarch)</p>
Day 4 Wednesday 19/07/2023	AM : <ul style="list-style-type: none"> Mini Projects - Practical exercises (<i>voir avec Christian Pagé</i>) PM : (University site) <ul style="list-style-type: none"> A team challenge with workshops on the stages of an orientation face. Equipped with a map, a compass and a road-book, teams experiment with biathlon, wooden games and the blind blowpipe.. <p style="text-align: right;">(Christian Pagé, Ronan Guivarch, Team building by Vercors Aventure)</p>
Day 5 Thursday 20/07/2023	AM : <ul style="list-style-type: none"> Accelerated Computing DAY - Fundamentals of Accelerated Computing, OpenMP accelerator, Scaling Workloads Across Multiple GPUs, Accelerating Applications with Concurrent Streams [NVIDIA / MesoNET] (Laurent Duhem et Gunter Roth) <p style="text-align: right;">(Arnaud Renard)</p>
Day 6 Friday 21/07/2023	AM : Artificial Intelligence DAY <p style="text-align: right;">[NVIDIA]</p>

	(Arnaud Renard)
Day 7 Saturday 22/07/2023	Free/optional mountain activities.
Day 8 Sunday 23/07/2023	Free/optional mountain activities.
Day 9 Monday 24/07/2023	<p>AM</p> <ul style="list-style-type: none"> ARM architecture presentation [SiPearl] <p>PM</p> <ul style="list-style-type: none"> ARM Tools suite presentation & platform Lab [NVIDIA/MesoNET] (Arnaud Renard)
Day 10 Tuesday 25/07/2023	<p>Hackathon application presentation Hackathon Day 1</p> <p>(Christophe Picard)</p>
Day 11 Wednesday 26/07/2023	<p>Hackathon Day 2 Dinner: Chez Le Père'Gras ?</p> <p>(Christophe Picard)</p>
Day 12 Thursday 27/07/2023	<p>QUANTUM COMPUTING DAY</p> <ul style="list-style-type: none"> presentation, courses and labs <p>Dinner: Chez Le Père'Gras / Gala?</p> <p>[ATOS] (Christophe Picard)</p>
Day 13 Friday 28/07/2023	<p>AM :</p> <ul style="list-style-type: none"> Hackathon and Summer School restitution <p>PM :</p> <ul style="list-style-type: none"> Challenges: Topic Presentation (EUMaster4HPC)