

PH.D. IN MATHEMATICS AND COMPUTER SCIENCE

COURSE SCHEDULE

ACADEMIC YEAR 2022/2023

AN INTRODUCTION TO KUBERNETES

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UNIVERSITY OF CALABRIA**22 - 25 MAY**

KUBERNETES IS WIDELY USED IN DATA-CENTERS TO ABSTRACT AWAY THE HARDWARE INFRASTRUCTURE, AND TO EXPOSE A WHOLE DATA-CENTER AS A SINGLE ENORMOUS COMPUTATIONAL RESOURCE. SOFTWARE COMPONENTS, OFTEN MICROSERVICES, ARE DEPLOYED AND RUN WITHOUT HAVING TO KNOW ABOUT THE ACTUAL SERVERS UNDERNEATH. KUBERNETES AUTONOMOUSLY SELECTS A SERVER FOR EACH COMPONENT, DEPLOYS IT, AND ENABLES IT TO EASILY FIND AND COMMUNICATE WITH ALL THE OTHER COMPONENTS OF YOUR APPLICATION. THIS COURSE INTRODUCES THE MAIN CONCEPTS REQUIRED TO EFFECTIVELY DEVELOP AND RUN APPLICATIONS IN A KUBERNETES ENVIRONMENT.

CLASS SCHEDULE:

MON 22/05 09:00 -12:00**TUE 23/05 09:00 -12:00****WED 24/05 09:00 -12:00****THU 25/05 09:00 -12:00****LINK MEET: [HTTP://MEET.GOOGLE.COM/XOJ-ZYFG-TWC](http://meet.google.com/xoj-zyfg-twc)**