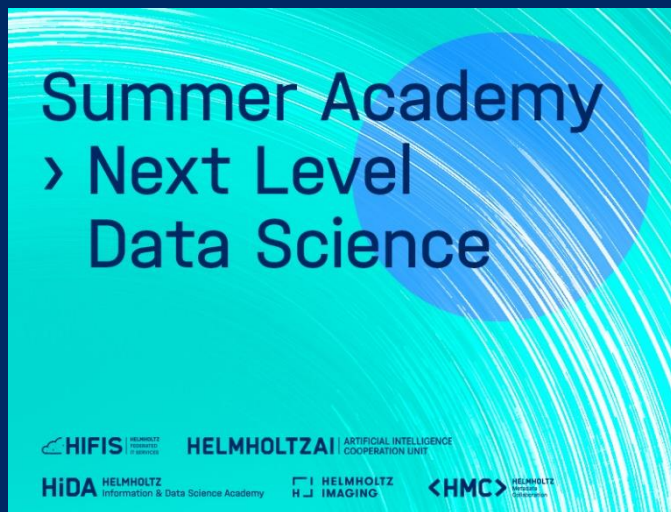


Incubator Summer Academy 2023

Program



Date	Time	Course	Course Package
Mon, Sept 18	09:00 – 10:00	Opening Event	
Tue, Sept 19	09:30 – 11:00	Meet the Helmholtz Incubator Platforms	
Fri, Sept 22	11:30 – 17:00	Machine Learning – based Image Analysis	CP 7

Date	Time	Course	Course Package
Mon, Sept 18	10:00 – 17:00	Introduction to Python	CP 3
Tue, Sept 19	09:00 – 17:00	Introduction to Python	CP 3
Wed, Sept 20	09:00 – 17:00	Introduction to Pandas	CP 3
Thu, Sept 21	09:00 – 17:00	Introduction to Matplotlib	CP 3
Mon, Sept 25	09:00 – 15:00	Introduction to Git and GitLab	CP 4
Tue, Sept 26	09:00 – 15:00	Introduction to Git and GitLab	CP 4
Wed, Sept 27	09:00 – 17:00	Using Containers in Science	CP 5
Thu, Sept 28	09:00 – 17:00	Continuous Integration in GitLab	CP 5
Fri, Sept 29	09:00 – 17:00	Continuous Integration in GitLab	CP 5

Date	Time	Course	Course Package
Mon, Sept 18	10:00 – 16:30	Introduction to Statistical Learning	CP 12
Tue, Sept 19	09:00 – 16:30	Introduction to Machine Learning	CP 8
Wed, Sept 20	09:00 – 16:30	Introduction to Machine Learning	CP 8
Thu, Sept 21	09:00 – 16:30	Introduction to Machine Learning	CP 8
Fri, Sept 22	09:00 – 16:30	Introduction to Machine Learning	CP 8
Mon, Sept 25	09:00 – 16:30	Introduction to Deep Learning	CP 10
Tue, Sept 26	09:00 – 16:30	Introduction to Deep Learning	CP 10
Wed, Sept 27	09:00 – 16:30	Introduction to Deep Learning	CP 10

Date	Time	Course	Course Package
Mon, Sept 18	10:00 – 12:30	Reproducibility in Science	CP 1
Thu, Sept 21	09:00 – 15:30	Repro hack	CP 1
Fri, Sept 22	10:00 – 11:00	Lecture: Fairness in Machine Learning	CP 9
Fri, Sept 22	13:30 – 17:30	Introduction to eXplainable AI	CP 9
Tue, Sept 26	09:00 – 12:30	Introduction to Scientific Metadata	CP 6
Tue, Sept 26	13:30 – 15:30	Machine Learning for Instance Segmentation	CP 13
Wed, Sept 27	09:00 – 12:30	Introduction to Scientific Metadata	CP 6
Wed, Sept 27	13:30 – 16:30	Introduction to Scientific Metadata – Metadata consulting	CP 6
Thu, Sept 28	09:00 – 11:00	Rendering 3D datasets	CP 14
Thu, Sept 28	13:30 – 16:30	Regularization in Image Reconstruction: From Model to Data Driven Methods	CP 11
Fri, Sept 29	09:00 – 12:30	Entrepreneurship - from idea to I did	CP 2