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SPACE4IMPACT

EZMC

eSpace
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SPACE
INNOVATION

Introduction

New Space Economy

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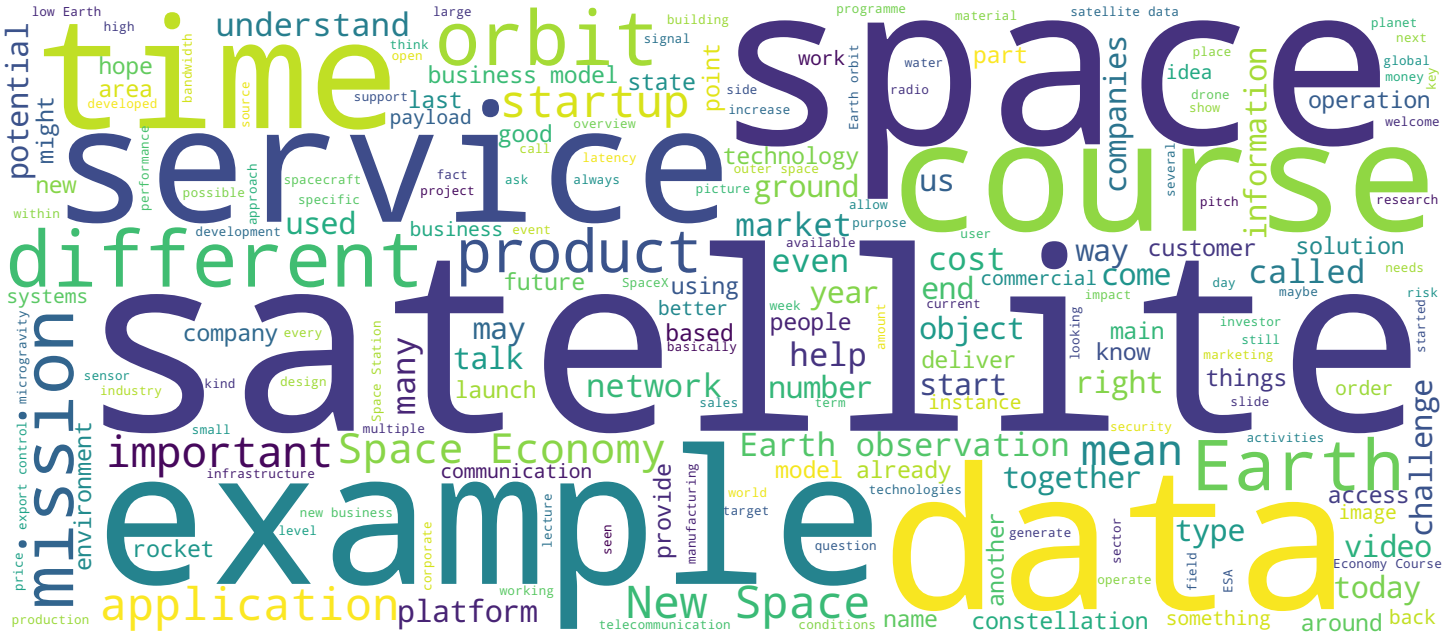
École
polytechnique
fédérale
de Lausanne



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Search MOOC

Video

Hi, everyone and welcome to the New Space Economy Course. My name is Gaetan Petit from Space4Impact and together with some colleagues at EPFL eSpace, from EPFL Space Innovation Unit, colleagues from E2MC and at Space4Impact. We invited the most influential people in our network to give you an overview of the current New Space Economy. We hope that the New Space Economy Course will help you get a better understanding of this fast-growing sector. We also hope that this course will help you define new business models, and we are looking forward to having you shape the future of New Space Economy with us.

Notes

Summary

0m 05s

The course is a series of 30 short videos, all recorded in 2021, that will give you an overview of the different space technologies and their application. We will start the course with the upstream sector, which is about satellite manufacturing, about how to launch them in different orbits, and about how to operate them. We will also talk about space exploration, but we will quickly move toward downstream applications, meaning using the data that we generate with the satellites orbiting our planet. And these downstream applications are very diverse. They have also a great potential for new business opportunities. So this is how the seven-week's course will look like. Each week there is a pool of 7-10 short videos that you will have to watch. Each lecturer in the videos are experts in their domain, and each video should last around ten minutes. At the end of each video there is a short pop quiz, and at the end of each week there is a longer evaluation quiz. All along the course, we will challenge you to generate new business ideas to foster the economic growth, but also to improve the adoption of space technologies for social and environmental impact. Finally, we will ask you to develop your own business model and pitch it. We welcome you again to this New Space Economy Course. We hope that you will enjoy the course and we're looking forward to discover your ideas.

Notes

Summary

0m 36s