

## Space 2.0

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Note sur le contenu : The world of space in flux How satellite communications systems are changing Key trends in remote-sensing satellite systems and services The growth and expansion of precise navigation and timing The new capabilities of weather satellites New uses of protozone On-orbit servicing, active debris removal and repurposing of defunct spacecraft Space-based solar power satellite systems Space weapons, the threat of war in space and planetary defense Trends in chemical rocket systems and new approaches to launching satellites The longer term future of launch and propulsion systems Spaceplanes, space tourism and private space habitats Space 2.0 economic, business and regulatory issues The way forward

Résumé ou extrait : "A true revolution has rocked the space industry, as Silicon Valley and new startup companies around the world have shaken up the status quo. This has in turn triggered a hefty response

among traditional aerospace companies, launching the sector into the new Space 2.0. This book explains how and why this remarkable change has happened, starting from the industry's origins during the Space Age and working its way to the present day. No other industry in the world has experienced the dramatic shift in technology and services as rapidly as the field of satellite services and rocket launch systems has. This book analyzes the dynamic shift over the past decade in how satellites are designed, manufactured, launched, and operated. It also turns an eye to the future, discussing the amazing feats and potential issues we can expect from this shifting arena by 2030. With its beginner-friendly writing style and plethora of illustrations, this book serves as a perfect introductory text to students and professionals alike wishing to learn more about the key trends in the field of space applications and launch systems." (4e de couv.)

Sujet - Nom commun : Industrie spatiale -- Innovation  
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