

Airbus 2017 Thales Group

This book describes the evolution of French defence policy since the end of the Cold War. For the past thirty years there have been significant changes to French defence policy as a result of several contextual evolutions. Changes include shifts in the global balance of power, new understandings of the notion of international security, economic downturns, and developments in European integration. Yet despite these changes, the purpose of France's grand strategy and its main principles have remained remarkably stable over time. This book identifies the incentives, representations and objectives of French defence policy. The authors examine the general mechanisms that influence policy change and military transformation in democracies, the importance of status-seeking in international relations, the processes of strategy-making by a middle power, and the dilemmas and challenges of security cooperation. By doing so the book raises a number of questions related to the ways states adjust (or not) their security policies in a transformed international system. This book makes French-language sources available to non-French-speaking

readers and contributes to a better understanding of a country that is at the forefront of Europe's external action. This book will be of great interest to students of defence studies, French politics, military studies, security studies, and IR in general. A humorous and honest account of an ex-pat reporter's life in the south west of France. Packed with amusing anecdotes and true stories about the characters and places of the region. A must for anybody even thinking about crossing the Channel for the good life in rural France! Every summer thousands of Brits and other Europeans head to the south west of France for bliss, beauty and freedom. It's great for a holiday - but what's it like to actually live and work there? That is what reporter Chris Bockman decided to find out when he set up a Press Agency in Toulouse. His project was doomed (apparently) - he was constantly told by industry sages that nothing goes on there out of season. But he soon discovered that the strange characters, ambitious local politicians, vain sportsmen and yes, badly-behaving foreigners provided more than enough material to keep newsrooms happy. There are the politicians preaching the benefits of Brexit while living a grand life in France. There is also one village

in the Pyrenees where many flock believing when the inevitable end of the world comes, it will be the sole place that will survive. More stories include treasure-seekers convinced of a Catholic Church cover-up, the downright dishonest practices in the truffle markets and other inhabitants of the region who have included ex-terrorists and murderers on the run. This is an inside look at the peculiarities of human nature and life on the other side of the Channel, with characters and places you'll love, Are You the Foie Gras Correspondent? is a book for anybody thinking to pull up stakes and moving to where life is "slower-paced" or has a fascination with the true life in France's southern provincial cities and countryside. Keukeleire and Delreux demonstrate the scope and diversity of the European Union's foreign policy, showing that EU foreign policy is broader than the Common Foreign and Security Policy and the Common Security and Defence Policy, and that areas such as trade, development, environment and energy are inextricable elements of it. This book offers a comprehensive and critical account of the EU's key foreign relations - with its neighbourhood, with the US, China and Russia, and with emerged powers - and argues that the EU's foreign policy needs to

be understood not only as a response to crises and conflicts, but also as a means of shaping international structures and influencing long-term processes. This third edition reflects recent changes and trends in EU foreign policy as well as the international context in which it operates, addressing issues such as the increasingly contested international order, the conflict in Ukraine, the migration and refugee crisis, Brexit and Covid-19. The book not only clarifies the formal procedures in EU foreign policy-making but also elucidates how it works in practice. The third edition includes new sections and boxes on 'strategic autonomy', European arms exports, the EU's external representation, the 'Brussels Effect', and decentring and gender approaches to EU foreign policy. Up to date, jargon-free and supported by its own website (www.eufp.eu), this systematic and innovative appraisal of this key policy area is suitable for undergraduate and postgraduate students, as well as practitioners.

This book studies how the arms trade has continued to receive generous state subsidies, along with less direct forms of financial and intellectual support from academia in the UK. It examines the ways in which arms dealing has contributed to the violation of human

rights in the Middle East, North Africa, South America, Indochina and other regions of intense conflict, and in doing so, reveals how the industry sells a particular image of itself to the public. The volume: Extensively covers the arms trade and its impact across the world. Shows how the UK arms trade has developed research, investment and consultancy links with universities, museums and other public institutions. Discusses the future of the arms trade and explores alternatives in terms of job opportunities, economic growth and academic research criteria. A major intervention in international politics, this volume will be of great interest to scholars and researchers of military and strategic studies, international relations, human rights and the social sciences in general. It will also be of interest to policy analysts and defence professionals.

**Managing Your Career and Your Retirement
Mission Transition**

The Foreign Policy of the European Union

European Defence Decision-Making

Entrepreneurs of the Sky

The Political Economy of the Modern UK

Defence Industry

**The Space Economy in Figures How Space
Contributes to the Global Economy**

This book presents the renewing strategic vision and progressive diversification of the Indian space programme at the nexus socio-economic development, commerce and geopolitics. It disentangles India's evolving rationales for engaging in space from a wide range of perspectives and provides novel and in-depth assessment of the domestic, regional and international factors influencing the pace and directions of the country's space programme. The study hence includes an extensive analysis of India's path forward, including a reflection on the long-term evolution of its civil, military and commercial space efforts, as well as considerations on the toolbox India has at its disposal, on the prospected adaptation of the space ecosystem, and on the implications these evolutions may generate both domestically and internationally. A central part of this final analysis is more specifically devoted to elaborating on the prospects and opportunities for European stakeholders, with the goal of identifying possible domains of closer and mutually beneficial Europe-India space cooperation and sorting out possible elements for a comprehensive European long-term strategy towards India.

Real-world cost of capital data from across industries and around the globe The 2017

Valuation Handbook – International Industry Cost of Capital offers the same type of rigorous industry-level analysis published in the U.S.-centric Valuation Handbook – U.S. Industry Cost of Capital. It provides industry-level cost of capital estimates (cost of equity, cost of debt, and weighted average cost of capital, or WACC), plus detailed industry-level statistics for sales, market capitalization, capital structure, various levered and unlevered beta estimates (e.g., ordinary-least squares (OLS) beta, sum beta, peer group beta, downside beta, etc.), valuation (trading) multiples, financial and profitability ratios, equity returns, aggregate forward-looking earnings-per-share (EPS) growth rates, and more. For more information about Duff & Phelps valuation data published by Wiley, please visit www.wiley.com/go/valuationhandbooks. Also Available 2017 Valuation Handbook – International Guide to Cost of Capital 2017 Valuation Handbook – U.S. Guide to Cost of Capital 2017 Valuation Handbook – U.S. Industry Cost of Capital Key Features Four global economic regions: The 2017 Valuation Handbook – International Industry Cost of Capital includes industry-level analyses for four global economic regions: the "World," the European Union, the Eurozone, and the United Kingdom. Industries in the book are identified by their Global Industry

Classification Standard (GICS) code (at the 2-, 4-, and 6-digit code level). Three currencies: Each of the four global region's industry analyses are presented in three currencies: the Euro, the British pound, and the U.S. dollar.

In diesem Band werden die Ergebnisse der ersten deutsch-japanischen Konferenz der Disziplin Volkskunde/Europäische Ethnologie präsentiert, die im November 2016 an der LMU München stattfand. Thematisch werden zunächst die grundsätzlichen Positionen und historischen Entwicklungen der japanischen und deutschen Volkskunde herausgearbeitet. In weiteren Sektionen geht es um aktuelle Tendenzen in der Stadtforschung und um die jüngsten Ergebnisse einer kulturwissenschaftlichen Katastrophenforschung. Ein weiteres Augenmerk wird auf Forschungen zu Migration und Multikulturalität gelegt. Schließlich kreisen mehrere Beiträge um die Themenkomplexe Kulturelles Erbe, Traditionen, Glaube und Ritual. Der Band gibt einen gelungenen Überblick über die Gemeinsamkeiten und Unterschiede japanischer und deutscher volkskundlich-kulturwissenschaftlicher Forschung. Er eröffnet gerade dem deutschsprachigen Publikum einen sehr guten Überblick über die Geschichte und Gegenwart der japanischen Volkskunde, zeigt die wichtigsten Forschungsfelder, Methoden und

Theorien nach und setzt sie in ein Verhältnis zu deutschsprachigen Arbeiten. Der Band stellt zudem einen Auftakt zu einem intensiveren Austausch zwischen japanischen und deutschsprachigen Forscher_innen dar.

This book makes an original contribution to our knowledge of the world's major defence industries. Experts from a wide range of different countries – from the major economies of North America and Western Europe to developing economies and some unique cases such as China, India, Singapore, South Africa and North Korea – describe and analyse the structure, conduct and performance of the defence industry in that country. Each chapter opens with statistics on a key nation's defence spending, its spending on defence R&D and on procurement over the period 1980 to 2017, allowing for an analysis of industry changes following the end of the Cold War. After the facts of each industry, the authors describe and analyse the structure, conduct and performance of the industry. The analysis of 'structure' includes discussions of entry conditions, domestic monopoly/oligopoly structures and opportunities for competition. The section on 'conduct' analyses price/non-price competition, including private and state funded R&D, and 'performance' incorporates profitability, imports

and exports together with spin-offs and technical progress. The conclusion explores the future prospects for each nation's defence industry. Do defence industries have a future? What might the future defence firm and industry look like in 50 years' time? This volume is a vital resource and reference for anyone interested in defence economics, industrial economics, international relations, strategic studies and public procurement.

The Law of Unmanned Aircraft Systems

The New Frontiers of Space

International GAAP 2017

Another Slow News Day in South West France

Migration, Security, and Resistance

Yearbook on Space Policy 2015

Advances in Manufacturing Technology XXXI

This book comparatively examines the preferences of four key arms-producing states towards European joint armaments programmes. The European defence market is characterised by a mixture of inter-state competition and European cooperation, and this work assesses why countries sometimes decide to cooperate with their partners, while in other instances they refrain from doing so. In order to shed light on this empirical puzzle, the book focuses on state-defence industry relations in the four major European arms producers: France, Germany, Italy and the UK. The main argument is that the public or private

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governance of industrial suppliers and market size are the two decisive variables that explain the simultaneous presence of cooperation and competition in European defence procurement. Specifically, it argues that in public governance ecosystems, arms industries are able to "capture" the state's decision-making processes to their own advantage. In private governance ecosystems, the state is relatively autonomous from defence industry's influence and able to pursue larger macro-economic and military benefits. Moreover, the strategy pursued by governments and defence firms is decisively shaped by market size because of its importance in determining the relative costs and benefits of collaborative arrangements. This book will be of much interest to students of EU policy, defence studies, European politics and International Relations.

Yearbook on Space Policy 2017 Security in Outer Space: Rising Stakes for Civilian Space Programmes Springer

Drawing from the latest research and real-world events, Blanton/Kegley's WORLD POLITICS: TREND AND TRANSFORMATION, 17th Edition, helps you understand what is happening on the international political stage -- and why. Thought-provoking discussions encourage you to critically assess the problems, payoffs, pitfalls and paradoxes of people's choices about the global future and the likely long-term impact

of those choices. Coverage includes recent challenges to global peace and prosperity; changes in the political landscape sparked by Brexit, the rise of China and enduring rivalries; terrorism and advances in military capabilities; human rights and inequality; threats to global health and the environment; and more. The Carnegie Council for Ethics in International Affairs provides further insight into emerging issues. Coverage reflects the most recent academic literature and many diverse perspectives. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Global military expenditure reached an estimated \$1,822 billion in 2018 and this book questions what that spending responds to and indeed what that entails in terms of global security. The book draws from prior knowledge and research on military expenditure but introduces an all-encompassing, in-depth and original analysis of military spending as a key and often overlooked factor of global instability, delving into the present and future consequences of its perpetual growth, as well as, confronting the reasoning behind it. The authors argue that increasing military expenditure is not the best response to the emergencies militarization itself has helped create. They assert that militarization is paradoxically both a cause of and a response to the grave challenges our society is

facing. The book explains why people are not well served by nation-states when they continuously seek to out-compete one another in the size and destructive powers of their militaries. It discusses the scope of military spending around the world, while explaining how militarism is linked with conflict and security threats, and how military spending further prevents us from adequately dealing with global environmental problems like climate change. A must-read for scholars, researchers and students from a wide range of disciplines. It will also find an audience among professionals from the third sector and activists working on issues related to peace, security and militarism, but also social and climate justice.

French Defence Policy Since the End of the Cold War

Yearbook on Space Policy 2017

Inspire teams, engage customers, transform business

Human-Systems Integration

Humanitarian and Environmental Perspectives

India in Space: Between Utility and Geopolitics

Profit and Protest in the Migration Industry

The book describes the recent trends in space policy and the space sector overall. While maintaining a global scope with a European perspective, it links space policy with other policy areas, highlights major events, and provides insights on the latest data. The Yearbook includes the proceedings of ESPI's 12th Autumn Conference, which discussed the growing importance of Security in Outer Space and the stakes for

civilian space programmes in the public and private sectors. Bringing together satellite operators, SMEs, European and American institutions, and think tanks, the Autumn Conference served as platform for fresh insights on security in outer space and the potential of transatlantic relations to address its challenges. The Yearbook also includes executive summaries of ESPI's work in 2017 as well as ESPI's 2017 Executive Briefs, covering topics such as suborbital spaceflight, super heavy lift launch vehicles, collaboration with China, and the delimitation of outer space. All in all, the book gives a detailed review of space policy developments worldwide, contextualised with information about national-level space industries and activity and broader political and economic conditions. The readership is expected to include the staff of space agencies, the space industry, and the space law and policy research community.

A contemporary and comprehensive analysis of national and supranational defence governance in an uncertain and increasingly dangerous world. This book will appeal to policymakers, analysts, graduate students and academics interested in defence economics, political economy, public economics and public policy.

The space economy is expanding and becoming increasingly global, driven by the development of ever-more governmental space programmes around the world, the multiplication of commercial actors in value chains, durable digitalisation trends, and new space systems coming of age. This report describes these emerging trends using new and internationally comparable data and indicators.

Developed by recognized experts in the field, this first-of-its-kind resource introduces the basic principles of passive radar technology and provides an overview of recent developments in this field and existing real passive radar systems. This book explains how passive radar works, how it differs from the

active type, and demonstrates the benefits and drawbacks of this novel technology. Properties of illuminators, including ambiguity functions, digital vs. analog, digitally-coded waveforms, vertical-plane coverage, and satellite-borne and radar illuminators are explored. Readers find practical guidance on direct signal suppression, passive radar performance prediction, and detection and tracking. This book provides concrete examples of systems and results, including analog TV, FM radio, cell phone base stations, DVB-T and DAB, HF skywave transmissions, indoor WiFi, satellite-borne illuminators, and low-cost scientific remote sensing. Future developments and applications of passive radar are also presented.

The Arab-U.S. Strategic Partnership and the Changing Security Balance in the Gulf

The Routledge Handbook of State-Owned Enterprises

The Early Development of the Aviation Industry

Security in Outer Space: Rising Stakes for Civilian Space Programmes

The Economics of the Global Defence Industry

Mobility, Control, Agency

A Practical Guide to Capella

This powerful book explicates the many ways in which colonial encounters continue to shape forced migration, ever evolving with times and various geographical contexts. Bringing historians, political scientists, sociologists, anthropologists and criminologists together, the book presents examples of forced migration events in politics ranging from the 18th century to the practices and geopolitics of the present day. These case studies, covering Europe, Africa, North America, Asia and South America, are then put in dialogue with each other to propose new theoretical and real-world agendas for the field. As the pervasive legacies of colonialism continue to shape global politics, this unprecedented book moves beyond critique, ahistoricity and Eurocentrism in refugee and

forced migration studies and establishes postcoloniality and forced migration as an important field of migration research.

Change is a given in the United States military, but the soon to be applied "Blended Retirement System" is a financial change like no other the military has ever experienced. It is a huge deal that will not only affect the wallets of many active duty service members today and certainly 100% of them beginning in 2018, but it could also have a significant impact on future recruiting and retention of our volunteer military force. *Mission Transition: Managing Your Career and Your Retirement* is a needed introduction of the military's new "Blended Retirement System," representing the big shift in how the DoD manages military retirements. In the process it encourages service members to adopt the new concept of retirement in the military, improve their own financial literacy, and assume responsibility for their own retirement planning. Finally, it provides new civilian job survival tips and strategies for service members in the process of leaving the military for civilian life. For those who are contemplating joining the armed forces and who want to better understand the myriad of changes to the overall military retirement system this is the ideal guide.

There are few industries in today's world as dynamic and dramatically changing as the space sector, with new ventures and initiatives being announced on a daily basis. As well as emerging countries improving their launching and manufacturing capabilities, private actors are beginning to join public bodies in the space race, and participating in what is frequently being referred to as the new space era. With fantastic opportunities arising for business and economics, this book provides a comprehensive overview of the space sector, exploring recent initiatives, and the most important areas of investment in the industry, including emerging fields of activities such as asteroid mining and space tourism. It also addresses traditional and non-traditional security issues in the sector, together with discussing their legal implications. This interdisciplinary book provides

insights for practitioners and researchers alike, particularly those involved in technology and innovation management, emerging markets, international relations, and security studies.

This exciting new book discusses the motivation for the evolution of a new breed of High Throughput Satellites (HTS) that have emerged from traditional communications satellites. It explores the commercial sectors and technical context that have shaped HTS. The historical underpinnings of HTS are provided to highlight the requirements that dimension these satellites. A survey of operational GEO HTS systems is also included. Readers will understand the technical, operational and commercial context of HTS systems, as well as the performance of the current HTS systems. This initial breed of satellites was limited to geostationary satellites but it is quickly projecting into low earth orbit (LEO) constellations, often referred to as mega-constellations. The industrial and operational facets of LEO constellations are challenging. The characteristics of GEO and LEO systems are presented to understand the differences between the two systems. The book also explores the evolution of the current HTS payload architectures, as well as theoretical methodology is presented for the capacity estimation for both the FORWARD link and RETURN link, which can be used for preliminary HTS dimensioning and can be adapted to practical scenarios.

Space Strategy

Asylum for Sale

The Power of Purpose

Military Spending and Global Security

World Politics: Trend and Transformation

From Innovation to Militarization

Economic Implications, Security Issues and Evolving Scenarios

L'écosystème des systèmes autonomes se développe et s'impose aujourd'hui dans de nombreux domaines. Ils se déploient

sur route, dans les champs, dans les airs et sur ou sous la mer. Même si les systèmes actuels ont une autonomie qui reste limitée par leurs capacités fonctionnelles et l'état de l'art, ils accèdent déjà à des représentations artificielles de l'environnement dans lequel ils évoluent et des choses qu'ils perçoivent. Grâce à ses représentations artificielles, utilisant des algorithmes sophistiqués d'intelligence artificielle, ces systèmes communicants bénéficieront d'une autonomie comportementale toujours plus importante leur permettant de gérer dans la continuité leur environnement à l'image de l'autonomie des organismes vivants. La capacité croissante des systèmes autonomes à élaborer une forme de pensée artificielle amènent des réflexions éthiques sur la vie sociale et la perspective du mouvement transhumaniste. Le présent ouvrage répondra notamment aux questions concrètes : Qu'est-ce qu'un système autonome ? Quelles sont les briques technologiques communes et propres à chaque vecteur ? Quels sont les défis

technologiques propres à chaque vecteur ? Quels sont les cas d'usages ? Le droit positif est-il adapté pour appréhender les systèmes autonomes ? Quelles sont les conditions de mise sur le marché d'un système autonome ? Quelle est la réglementation applicable aux systèmes autonomes terrestres, aériens, maritimes ? Quels sont les usages des robots militaires à l'épreuve du droit international et dans le cadre et hors des conflits armés ?

This volume explores the digitization, privatization, and spatial displacement of border security and the effects these have on political accountability and migrant rights. The governance of security and migration is unfolding in new political spaces. Cooperation and competition among immigration officials, border guards, transnational security corporations, IT companies, local police, and international organizations has decoupled migration governance from national political structures. The chapters in the volume examine how these dynamics affect the deployment and constraint of sovereign

power in the United States, Canada, the United Kingdom, and the EU.

Contributors trace this process from the disciplinary perspectives of law, political science, sociology, criminology, and geography. Part I of the book explores the reconfiguration of security and migration governance through historical processes of privatization, digitization, and the rescaling of border control technologies to local and global spaces. Part II explores how migrant rights actors have responded by rescaling resistance to global and local levels. This book will be of much interest to students of critical security studies, global governance, migration studies, and international relations.

The Yearbook on Space Policy, edited by the European Space Policy Institute (ESPI), is the reference publication analysing space policy developments. Each year it presents issues and trends in space policy and the space sector as a whole. Its scope is global and its perspective is European. The Yearbook also links space policy with other

policy areas. It highlights specific events and issues, and provides useful insights, data and information on space activities. The first part of the Yearbook sets out a comprehensive overview of the economic, political, technological and institutional trends that have affected space activities. The second part of the Yearbook offers a more analytical perspective on the yearly ESPI theme and consists of external contributions written by professionals with diverse backgrounds and areas of expertise. The third part of the Yearbook carries forward the character of the Yearbook as an archive of space activities. The Yearbook is designed for government decision-makers and agencies, industry professionals, as well as the service sectors, researchers and scientists and the interested public.

Aerospace Law and Policy Series, Volume 11 In recent years, few industries have grown so prodigiously as that of unmanned aircraft systems (UAS) and, as a result, developments in national, regional, and international law and policy are being initiated and

implemented. This new edition of the definitive survey and guide, first published in 2016, reflects the expansion of this sector and the importance placed on it by a diverse range of stakeholders, as well as the enlarged regulatory and policy landscape. In addition to updating many of the original chapters, the second edition covers new topics and moves away from a purely introductory book to a more detailed and critical compendium. Authorship has also been extended beyond the original scope of contributors, which originally centred around those affiliated with Leiden University's Institute of Air and Space Law, and now includes additional experts from all around the world, each of whom explores both already existing rules and proposals coming from national, regional and international levels. As well as broadened discussions on such fundamental legal issues as insurance, financing, liability, accidents investigation, privacy, cyber security, stakeholder organisations and industry standards, the second edition takes into account

major recent developments in such areas as the following: applicability and relevance of international regulatory instruments; coming into force of the European Union UAS-related laws; evolution of different States' national law; public safety (e.g., design, production, operation and maintenance); development of unmanned traffic management systems; commercial operations, including urban air mobility (e.g., flying taxis, cargo delivery, high-altitude activities); and developments in defence and security (e.g., dual-use, counter-UAS industry to combat illegal use). As in the first edition, a representative cross section of national laws is included, covering twenty-one different jurisdictions. This fully updated edition not only synthesises and clarifies the complex body of international, regional and national UAS-related law, but also provides expert insight into trends and areas of concern for numerous stakeholders. Without a doubt, it will be of immeasurable value to lawyers, relevant governmental and non-governmental

agencies, aviation law scholars, and strategic planners in the wider aviation and transport industries.

Postcoloniality and Forced Migration
Dilemmas of Collaborative Arms

Procurement

Proceedings of the 15th International Conference on Manufacturing Research, Incorporating the 32nd National Conference on Manufacturing Research, September 5 – 7, 2017, University of Greenwich, UK

5G and Satellite Spectrum, Standards, and Scale

2017 Valuation Handbook - International Industry Cost of Capital

Generally Accepted Accounting Practice under International Financial Reporting Standards

The House Magazine

This new resource presents the emerging role of Low Earth Orbit (LEO), Medium Earth Orbit (MEO), and Geostationary satellites (GSO) as a delivery option for backhaul and wide area rural and urban mobile broadband and fixed access. The book offers insight into recently established Non Terrestrial Network standards. Readers learn which bands will need to be supported in next generation 5G and satellite devices and networks and how the bands will be characterized. Channel spacing, guard bands, FDD or TDD, out of band emission limits, and in band performance requirements are discussed.

The book discusses what interference issues will arise from new band allocations including co-shared allocations and how interference will be mitigated in and between next generation terrestrial and satellite 5G networks. Readers learn how modulation choices will affect co-existence issues. The book discusses the design, performance, cost, and test implications of integrating next generation satellite physical and MAC layers with Release 16 and 17 5G standards and explores how these emerging spectrum and standards map on to IOT and MTC use cases in specific vertical markets. Readers learn how new active and passive antennas in the K bands and V and W band (E band) impact the satellite link budget and satellite delivery cost economics.

Human–Systems Integration: From Virtual to Tangible Subject Guide: Ergonomics and Human Factors This book is an attempt to better formalize a systemic approach to human–systems integration (HSI). Good HSI is a matter of maturity... it takes time to mature. It takes time for a human being to become autonomous, and then mature! HSI is a matter of human–machine teaming, where human–machine cooperation and coordination are crucial. We cannot think engineering design without considering people and organizations that go with it. We also cannot think new technology, new organizations, and new jobs without considering change management. More specifically, this book is a follow-up of previous contributions in human-centered design and practice in the development of virtual prototypes that requires progressive operational tangibility toward HSI. The book discusses flexibility in design and operations, tangibility of software-intensive systems, virtual human-centered design, increasingly autonomous complex systems, human factors and ergonomics of sociotechnical systems, systems integration, and changed management in digital organizations. The book will be of interest to industry,

academia, those involved with systems engineering, human factors, and the broader public.

This ground-breaking book offers an extensive legal analysis-grounded in public, EU, and international law-of arms trade regulation, integrated with insights drawn from international relations. The sale of weapons and related technologies is, globally, one of the most politically controversial and ethically contentious forms of commerce. Intimately connected with sustaining repressive governments and violations of international human rights and humanitarian law, arms exports are also a central element in the economic and strategic policies of the governments of all large industrial states. They have also been the source of abundant corruption, and of serious challenges to the norms and effectiveness of constitutional accountability in democratic states. On paper, the arms trade is heavily regulated: national legislation and international treaties are in place which purport to prohibit certain transactions and limit others. Yet despite its importance, legal and international relations scholarship on the subject has been surprisingly limited. This book fills this gap in the literature by examining and comparing the export control regimes of eight leading nations - USA, Russia, the UK, France, Germany, Sweden, China, and India - with chapters contributed by leading experts in the field of law and international relations.

For the Saudi Arabia 2020 publication, our sixth annual edition on the Kingdom's economy, we placed heavy emphasis on technology and innovation as a catalyst for change, as well as the developments in the digital economy. Across numerous industries, technology is playing an increasingly greater role—as a global trend but no less true for Saudi Arabia, which has in recent years committed large-scale investment into digital transformation. The Business Year's country-specific publications, sometimes featuring over 150 face-to-

face interviews, are among the most comprehensive annual economic publications available internationally. This 280-page publication covers finance, green economy, energy, water, industry, defense, transport, aviation, digital economy, real estate, construction, food, agriculture, health, education, entertainment, culture, and sports.

How Space Contributes to the Global Economy

Drone Strike!

The Emergence of EU Defense Research Policy

The Militarization of the European Union

From Virtual to Tangible

Access to Space and the Evolution of Space Activities

An Introduction to Passive Radar

This new report from the CSIS Burke Chair in Strategy provides a 2015 assessment of the Gulf military balance, the military capabilities of each Gulf state, the role of the United States as a security partner, and the priorities for change in the structure of both the Gulf Cooperation Council and the Arab Gulf military partnership with the United States.

IFRSs, the standards set by the International Accounting Standards Board (IASB), are complex and sometimes obscure. Understanding their implications and applying them appropriately requires something special; and that is why International GAAP® 2017 is the essential tool for anyone applying, auditing, interpreting, regulating, studying and teaching international financial reporting. It provides expert interpretation and practical guidance for

busy professionals, and includes, in every chapter, detailed analysis of how complex financial reporting problems can be resolved appropriately and effectively. The International Financial Reporting Group of Ernst & Young includes financial reporting specialists from throughout the world. Complex technical accounting issues are explained clearly in a practical working context that enables immediate understanding of the point at issue. International GAAP® 2017 is the only globally focused work on IFRSs. It is not constrained by any individual country's legislation or financial reporting regulations, and it ensures an international consistency of approach unavailable elsewhere. It shows how difficult practical issues should be approached in the complex, global world of international financial reporting, where IFRSs have become the accepted financial reporting system in more than 100 countries. This integrated approach provides a unique level of authoritative material for anyone involved in preparing, interpreting or auditing company accounts, for regulators, academic researchers and for all students of accountancy. All aspects of the detailed requirements of IFRS are dealt with on a topic-by-topic basis. Each chapter of International GAAP® 2017 deals with a key area of IFRS and has a common structure for ease of

use: an introduction to the background issues; an explanation of relevant principles; a clear exposition of the requirements of IFRS; a discussion of the implications in practice and possible alternative solutions available; worked examples; extracts from real company accounts; a full listing of the required disclosures. "... an important part to play in the process of promoting consistent, comparable and high quality financial reporting under IFRSs ... a book that not only provides an analysis of the requirements of the standards and the principles that they expound, but also presents a unique explanation of how the standards should be interpreted and applied in practice." - the Chairman of Trustees of the IASC Foundation "A standard reference work" - Financial Times "The definitive guide to financial reporting" - The Times

The Early Development of the Aviation Industry: Entrepreneurs of the Sky provides an introduction to the world of the early aviation industry and the business endeavours of the original aviators. Many of the first pioneers who flew heavier-than-air planes went on to develop considerable industrial concerns. In doing so they exhibited a number of entrepreneurial qualities, which provide useful case studies for those interested in studying how successful

entrepreneurs create or develop opportunities at the inception and emergence of high-tech industries. This book looks at the careers of pioneer aviators in the United States, Britain and France such as A.V. Roe, Thomas Sopwith, Glenn Curtiss and William Boeing. It examines this group of entrepreneurs during the start-up and early development stages of an emerging industry undergoing considerable technological change, and relates this experience to contemporary studies and experiences of entrepreneurship. The book explores what made these men successful in their entrepreneurial endeavours to help promote a better understanding of what makes an entrepreneur and what business and economic conditions are needed to allow such men to be successful. This book makes a major contribution to our knowledge of the development of the twentieth century economy and is essential reading for students and academics who are interested in the development of aviation and the nature of entrepreneurial behaviour.

In a world where volatility is the new norm and change is a constant, the individuals and organisations that are flourishing are those with a clear sense of purpose based on authentic ethical values. Purpose is the secret ingredient - with purpose you have the key to exceptional

performance, greater wellbeing and clarity in a VUCA world. But how do you find such purpose and ensure it propels your business forward? The Power of Purpose shares a simple 6-step framework you too can identify, clarify and shape your business purpose. You'll gain a competitive advantage and boost your bottom line, but the benefits are not just commercial – you'll also inspire a new generation of employees, foster innovation, simplify decisions and build customer and brand loyalty. Based on qualitative interviews with well-established and emerging leaders on how they bring ethical purpose in business to life, as well as sharing the results from a questionnaire with purpose-led businesses you'll find a step-by-step approach for applying purpose to simplify complexity, harness a purpose-powered workforce and create customer loyalty. How can purpose provide clarity? How can it accelerate success? How can it build a long term sustainable business? The Power of Purpose is your secret ingredient.

Themen und Tendenzen der deutschen und japanischen Volkskunde im Austausch
Systems Architecture Modeling with the Arcadia Method

Véhicules intelligents, drones, seabots
High Throughput Satellites

Global and Local Perspectives

Are You the Foie Gras Correspondent?

The Business Year: Saudi Arabia 2020

The idea of the armed, combat-configured unmanned aerial vehicle entered the 21st Century in the same manner as the idea of military airplanes had entered the 20th Century. It was an untried and untested concept suddenly thrust into the spotlight in an unexpected global war. By 1999, few people outside the military recognized the potential of armed, unmanned flying vehicles, or Unmanned Combat Air Vehicles (UCAVs), as they were called. Today, UCAVs form a vital arm of U.S. strike forces and are controlled from halfway around the world. In this book, the author picks up the UCAV story where he left off in his 2010 Specialty Press book *Birds of Prey: Predators, Reapers and America's Newest UAVs in Combat*. Since that time, both technology and battlefield doctrine have evolved considerably and this book is a new window into that world. It provides a detailed look inside the present and future of robotic aerial warfare systems and technologies. Yenne's first book on UCAVs covered the period of early development through the end of the 20th Century. *Drone Strike!* takes you from that time through today's latest technical wonders, covering such amazing unmanned aircraft capabilities as aerial refueling and landing aboard aircraft carriers even more accurately than

manned aircraft. This book also contains recently declassified photographs of the latest U.S. Unmanned Combat Aerial Vehicles.

State-owned enterprises make up roughly 10 percent of the world economy, yet they are woefully understudied. This handbook offers the first synthesis of the topic since the 1980s and offers a comprehensive reference for a generation. The authors provide a detailed explanation of the theory that underpins the expansion of state-owned enterprises in the 21st century. Each chapter delivers an overview of current knowledge, as well as identifying issues and relevant debates for future research. The authors explain how state-owned enterprises are used in both developed and developing countries and offer an insight into complex and fascinating organizations such as the German municipal conglomerates or the multinational companies owned by states. New modes of governance and regulation have been invented to make sure they act in the public interest. This handbook brings together a wealth of international scholars, offering multiple theoretical perspectives to help shape a brave new world. It will be of interest to teachers and students of Economics, Public Administration and Business, academics, established researchers and PhD students seeking rigorous literature reviews on specific aspects of SOEs, as well as practitioners and

decision makers in international organizations. This book is an illustrative guide for the understanding and implementation of model-based systems and architecture engineering with the Arcadia method, using Capella, a new open-source solution. More than just another systems modeling tool, Capella is a comprehensive and extensible Eclipse application that has been successfully deployed in a wide variety of industrial contexts. Based on a graphical modeling workbench, it provides systems architects with rich methodological guidance using the Arcadia method and modeling language. Intuitive model editing and advanced viewing capabilities improve modeling quality and productivity, and help engineers focus on the design of the system and its architecture. This book is the first to help readers discover the richness of the Capella solution. Describes the toolset widely deployed on operational projects in all Thales domains worldwide (defense, aerospace, transportation, etc.) Emphasizes the author ' s pedagogical experience on the methods and the tools gained through conducting more than 80 training sessions for a thousand engineers at Thales University Examines the emergence of an ecosystem of organizations, including industries that would drive the Capella roadmap according to operational

needs, service and technology suppliers who would develop their business around the solution, and academics who would pave the future of the engineering ecosystem

This book explores European security and defense R&D policy, unveiling the strategic, industrial, institutional and ideational sources of the European Commission ' s military research initiative. Starting from a well-defined empirical epicentre—the rise of non-civilian R&D priorities in the European Union—this book covers interrelated themes and topics such as approaches to arms production and R&D collaboration relationships between European R&D-related institutions technology and research foundations of European security policy past and present European armament collaborations transatlantic R&D collaboration the militarization of border security. Divided into 5 sections, the enclosed chapters explore the EU technology and innovation policy in regards to security, industrial competitiveness and military capabilities. The terrorist attacks in the US on September 11, 2001 provided a window of opportunity for the introduction of security as a distinct European R&D priority. In fact, since 2002, the Preparatory Action for Security Research (PASR) has funded 45 million euros to 39 research consortia to conduct security R&D. While the idea of pooling defense research efforts and programmes in Europe is not new, the

establishment of institutions like the European Defense Agency (EDA) are a major step into institutionalizing European agencies involvement in supporting defense technology research. It is against this backdrop of policy developments that this book is positioned, in addition to addressing some of the political, economic, industrial and philosophical questions that arise. Featuring contributions from a variety of academic fields and industries, this book will be of interest to scholars, researchers, students and policy makers in the fields of security policy, international relations, innovation, European studies and military studies.

Droit des systèmes autonomes

Weapons, Blood and Rules

Law and the Arms Trade

Arms in Academia

The Parliamentary Weekly

Joint and Asymmetric Warfare, Missiles and Missile

Defense, Civil War and Non-State Actors, and

Outside Powers

The Political Economy of Defence

From the establishment of NATO in 1949, Western Europe has been under Anglo-American tutelage in military and security matters. Several countries, most notably France and (since reunification) Germany, have experienced this as a hindrance to the pursuit of their particular interests. Since 2008, the European Commission has actively joined the quest for "strategic autonomy" within NATO. The elections of

Donald Trump and Emmanuel Macron in 2016-17 further widened the Atlantic rift, while the COVID-19 crisis with its colossal economic costs has, in turn, exacerbated the already worsening geopolitical tensions with states like Russia and China. With chapters on the politics and economics of European defence, on France, Germany, and Russia, the EU's energy provision, the militarization of migration control, and the restructuring of the transatlantic bond, this volume offers an up-to-date, critical assessment of the militarization of European integration, written by established scholars in the fields of international relations and security studies.

This explosive new volume brings together a lively cast of academics, activists, journalists, artists, and people directly impacted by asylum regimes to explain how current practices of asylum align with the neoliberal moment and to present their transformative visions for alternative systems and processes. Through essays, artworks, photographs, infographics, and illustrations, *Asylum for Sale: Profit and Protest in the Migration Industry* regards the global asylum regime as an industry characterized by profit-making activity: brokers who facilitate border crossings for a fee; contractors and firms that erect walls, fences, and watchtowers while lobbying governments for bigger "security" budgets; corporations running private detention centers and "managing" deportations; private lawyers charging exorbitant fees; "expert" witnesses; and NGO staff establishing careers while placing asylum seekers into new regimes of monitored vulnerability. *Asylum for Sale* challenges readers to move beyond questions of legal, moral, and humanitarian obligations that dominate popular debates regarding asylum seekers. Digging deeper, the authors focus on processes and actors often overlooked in

mainstream analyses and on the trends increasingly rendering asylum available only to people with financial and cultural capital. Probing every aspect of the asylum process from crossings to aftermaths, the book provides an in-depth exploration of complex, international networks, policies, and norms that impact people seeking asylum around the world. In highlighting protest as well as profit, *Asylum for Sale* presents both critical analyses and proposed solutions for resisting and reshaping current and emerging immigration norms. The urgent need to keep pace with the accelerating globalization of manufacturing in the 21st century has produced rapid advances in manufacturing research, development and innovation. This book presents the proceedings of the 15th International Conference on Manufacturing Research (ICMR 2017), which also incorporated the 32nd National Conference on Manufacturing Research (NCOMR) and was held at the University of Greenwich, London, UK, in September 2017. The conference brings together a broad community of researchers who share the common goal of developing and managing the technologies and operations key to sustaining the success of manufacturing businesses. The book is divided into 13 parts, covering topics such as advanced manufacturing technologies (including additive, ultra-precision and nano-manufacturing); manufacturing systems (digital and cyber-physical systems); product design and development (including lifecycle management and supply-chain collaboration); information and communication (including innovation and knowledge management); and manufacturing management (including lean, sustainable and cost engineering). With its comprehensive overview of current developments, this book

will be of interest to all those involved in manufacturing today. Strategy is the art of thinking about war before it occurs. Noting that space already plays a role in all of today's wars, Space Strategy studies how conflicts are extending into this new domain. The book defines extra-atmospheric space and focuses on its varying features and constraints. By exploring the opportunities for action provided by different strategic positions, the book analyzes the most plausible combat scenarios from, against and within space. It explains the concepts of militarization, weaponization and martialization of space and shows how space systems constitute an essential component of information literacy – the key to power in the 21st Century. Space Strategy then demonstrates why our society, having become space-dependent, must take appropriate measures to develop its spatioresilience. Finally, the author summarizes his reflections in the form of a mnemonic listing twelve principles of space strategy. Completed by educational appendices and a glossary containing one thousand entries, Space Strategy meets the needs of students, researchers or any other reader curious about expanding their knowledge of strategy.

UCAVs and Aerial Warfare in the 21st Century