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	Titolo	Ivan Pavlov : a Russian life in science / / Daniel P. Todes
	Pubbl/distr/stampa	Oxford, [England] ; ; New York, New York : , : Oxford University Press, , 2014 ©2014
	ISBN	0-19-939444-X 0-19-992520-8
	Descrizione fisica	1 online resource (897 p.)
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	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Cover; Ivan Pavlov; Copyright; Dedication; CONTENTS; Acknowledgments; Note on Transliteration and Sources; Preface; Plates; Introduction; PART ONE The Seminarian Chooses Science (1849-1875); Chapter 1. The Pavlovs of Riazan; Chapter 2. Seminarian in the Sixties; Chapter 3. Student in St. Petersburg; PART TWO Wilderness Years (1875-1890); Chapter 4. The Reluctant Physician; Chapter 5. Serafima Vasil'evna Karchevskaia; Chapter 6. Time of Troubles; Chapter 7. In From the Cold; PART THREE Man of Tsarist Science (1891-1904); Chapter 8. A Non-Chekhovian Type Chapter 9. The Pavlovs of St. PetersburgChapter 10. Professor of Physiology; Chapter 11. The Physiology Factory: Forces of Production; Chapter 12. The Physiology Factory: Relations of Production; Chapter 13. Favorite Dogs; Chapter 14. A Convincing Synthesis; Chapter 15. Dacha Life; Chapter 16. A European Reputation; Chapter 17. Targeting the Psyche; Chapter 18. The Nobel Prize; PART FOUR Nobelist in the Silver Age (1905-1914); Chapter 19. Amid Russia's Political Crisis; Chapter 20. Family Life; Chapter 21. Pavlov's Quest; Chapter 22. The Factory Retooled; Chapter 23. Battle of Titans Chapter 24. Women Coworkers and the Physiology of EmotionChapter 25. Maria Kapitonovna Petrova; PART FIVE War and Revolution (1914-1921); Chapter 26. War; Chapter 27. Revolution; Chapter 28. Cataclysm; Chapter 29. Where Are You, Freedom?; Chapter 30. "To

Leave My Homeland"; PART SIX Prosperous Dissident (1922-1929); Chapter 31. The Pavlovs of Leningrad; Chapter 32. A Great Journey; Chapter 33. Laboratory Revival; Chapter 34. Lecturing the Bolsheviks and Leaving the Academy; Chapter 35. The Commissar and the Dialectician; Chapter 36. Freud, the Flood, and the Physiology of Personality

Chapter 37. Two Books and a BeastChapter 38. Types, Temperament, and Character; Chapter 39. Work and Play in City and Countryside; Chapter 40. On the Eve of the Great Break; PART SEVEN Icon of Soviet and World Science (1929-1936); Chapter 41. International Celebrit; Chapter 42. Stalin Times; Chapter 43. Pavlov's Communists; Chapter 44. Koltushi: Pavlov's Science Village; Chapter 45. Psychiatry; Chapter 46. Gestalt Pavlov Style; Chapter 47. Year of Climaxes; Chapter 48. At the Summit: The International Physiological Congress; Chapter 49. Final Days; Epilogue; Appendix: Pavlov's Lexicon; Notes

BibliographyIndex

Sommario/riassunto	This is a definitive, deeply researched biography of Russian physiologist Ivan Pavlov (1849-1936) and is the first scholarly biography to be published in any language. The book is Todes''s magnum opus, which he has been working on for some twenty years. Todes makes use of a wealth of archival material to portray Pavlov''s personality, life, times, and scientific work. Combining personal documents with a close reading of scientific texts, Todes fundamentally reinterprets Pavlov''s famous research on conditional reflexes. Contrary to legend, Pavlov was not a behaviorist (a misimpression captured

2.	Record Nr.	UNINA9910299594803321
	Titolo	Advanced Smart Grid Functionalities Based on PowerFactory / / edited by Francisco Gonzalez-Longatt, José Luis Rueda Torres
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
	ISBN	3-319-50532-7
	Edizione	[1st ed. 2018.]
	Descrizione fisica	1 online resource (XII, 371 p. 268 illus., 225 illus. in color.)
	Collana	Green Energy and Technology, , 1865-3529
	Disciplina	621.31
	Soggetti	Energy systems
		Power electronics
		Transportation
		Energy storage
		Electronic circuits
		Energy Systems
		Power Electronics, Electrical Machines and Networks
		Energy Storage
		Circuits and Systems
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references at the end of each chapters.
	Nota di contenuto	Part I: Fundamentals -- Special features of PowerFactory for Smart Grids -- DIgSILENT Simulation Language (DSL) -- DIgSILENT Programming Language (DPL) -- Interfacing PowerFactory with Third-party-Software -- Potentials for Co-simulation and HIL -- Part II: Applications for smart grid planning -- Co-simulation for modelling and simulation of hybrid systems -- Model identification and dynamic equivalencing i. Transmission systems ii. Active distribution networks -- EMT models of RES -- Offshore-onshore grids -- HVDC-HVAC systems -- Dynamic modelling of electric vehicles infrastructure -- Advanced electricity energy storage systems -- Part III: Applications for smart grid operation -- Real-time load measurement and management -- Diagnosis & notification of equipment condition -- Dynamic capability rating -- Fault current limiting in hybrid systems -- Smarter adaptive and enhanced protections -- Automated islanding and

restoration -- Wide area monitoring, visualization, & control -- Customer Electricity Use Optimization -- Risk-based security assessment.

Sommario/riassunto	This book consolidates some of the most promising advanced smart grid functionalities and provides a comprehensive set of guidelines for their implementation/evaluation using DIgSILENT Power Factory. It includes specific aspects of modeling, simulation and analysis, for example wide-area monitoring, visualization and control, dynamic capability rating, real-time load measurement and management, interfaces and co-simulation for modeling and simulation of hybrid systems. It also presents key advanced features of modeling and automation of calculations using PowerFactory, such as the use of domain-specific (DSL) and DIgSILENT Programming (DPL) languages, and utilizes a variety of methodologies including theoretical explanations, practical examples and guidelines. Providing a concise compilation of significant outcomes by experienced users and developers of this program, it is a valuable resource for postgraduate students and engineers working in power-system operation and planning.