

1. Record Nr.	UNINA9910299638503321
Autore	Wagner Caroline S
Titolo	The Collaborative Era in Science [[electronic resource]] : Governing the Network // by Caroline S. Wagner
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2018
ISBN	3-319-94986-1
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (xxv, 194 pages) : illustrations
Collana	Palgrave Advances in the Economics of Innovation and Technology, , 2662-3862
Disciplina	309.223373047
Soggetti	Economic policy Public policy Research—Moral and ethical aspects Technology R & D/Technology Policy Economic Policy Public Policy Research Ethics Popular Science in Technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Science in the Age of Knowledge Abundance -- 2. The Scale and Scope of Global Science -- 3. Levels and Patterns of Communication in the Global Network -- 4. It's Who You Know (or Could Know) That Counts -- 5. The Global Network of Science Emerges -- 6. Openness in the Global Network -- 7. Nations Within the Global Network -- 8. Local Innovation and the Global Network -- 9. Governing Global Science.
Sommario/riassunto	In recent years a global network of science has emerged as a result of thousands of individual scientists seeking to collaborate with colleagues around the world, creating a network which rises above national systems. The globalization of science is part of the underlying shift in knowledge creation generally: the collaborative era in science. Over the past decade, the growth in the amount of knowledge and the speed at which it is available has created a fundamental shift—where

data, information, and knowledge were once scarce resources, they are now abundantly available. Collaboration, openness, customer- or problem-focused research and development, altruism, and reciprocity are notable features of abundance, and they create challenges that economists have not yet studied. This book defines the collaborative era, describes how it came to be, reveals its internal dynamics, and demonstrates how real-world practitioners are changing to take advantage of it. Most importantly, the book lays out a guide for policymakers and entrepreneurs as they shift perspectives to take advantage of the collaborative era in order to create social and economic welfare.
