

1. Record Nr.	UNINA9910254149503321
Autore	Xu Chunbao
Titolo	Conversion of Lignin into Bio-Based Chemicals and Materials / / by Chunbao Xu, Fatemeh Ferdosian
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2017
ISBN	3-662-54959-X
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XII, 156 p. 60 illus., 17 illus. in color.)
Collana	Green Chemistry and Sustainable Technology, , 2196-6982
Disciplina	661.802
Soggetti	Biotechnology Renewable energy resources Ceramics Glass Composite materials Chemical engineering Renewable and Green Energy Ceramics, Glass, Composites, Natural Materials Industrial Chemistry/Chemical Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Structure and Properties of Lignin -- Degradation of Lignin by Pyrolysis -- Degradation of Lignin by De-Polymerization -- Utilizations of Lignin for Polymer Reinforcement and Carbon Fibers -- Utilization of Lignosulfonate as Dispersants or Surfactants -- Lignin-based Phenol Formaldehyde (LPF) Resins/Adhesives -- Lignin-based Epoxy Resins -- Lignin-Based Polyurethane (PU) Resins and Foams.
Sommario/riassunto	This book presents an overview of various types of lignin and their unique structures and properties, as well as utilizations of crude or modified technical lignin for high-value bioproducts such as lignin-based PF resins/adhesives, epoxy resins, PF foams, PU foams, rubber reinforcement and carbon fibers and as dispersants in drilling fluids in the oil and gas industry. It subsequently discusses various thermal/chemical modification techniques (pyrolysis, direct liquefaction and de-polymerization) for converting lignin into oils and chemical

feedstocks, and the utilization of crude lignin, lignin-derived oils or depolymerized lignins (DLs) of reduced molecular weights and improved reactivity to produce lignin-based PF resins/adhesives, PF/PU foams and epoxy resins. The book will interest and benefit a broad readership (graduate students, academic researchers, industrial researchers and practitioners) in various fields of science and technology (chemical engineering, biotechnology, chemistry, material science, forestry, etc.). Chunbao (Charles) Xu, PhD, is currently a Professor of Chemical Engineering and NSERC/FPInnovations Industrial Research Chair in Forest Biorefinery at the University of Western Ontario, Canada. Fatemeh Ferdosian, PhD, is currently a postdoctoral fellow at the University of Waterloo, Canada.

2. Record Nr.	UNINA9910159451903321
Autore	Innerarity Daniel <1959-, >
Titolo	Ethics of hospitality / / Daniel Innerarity ; translated from the Spanish by Stephen Williams and Serge Champeau
Pubbl/distr/stampa	New York : , : Routledge, , 2017
ISBN	1-315-61824-9 1-317-21036-0 1-317-21037-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (184 pages)
Collana	Law and Politics : Continental Perspectives
Altri autori (Persone)	ChampeauSerge <1950-> WilliamsStephen
Disciplina	177/.1
Soggetti	Hospitality Social ethics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A GlassHouse Book"--cover. pt. I. The domain of receiving -- pt. II. Dimensions of piety.
Nota di contenuto	chapter Taking care of others -- part PART I The domain of receiving -- chapter 1 The pathetic, or the duty of events -- chapter 2 Accepting people: identity and the commitment to hospitality -- chapter 3 The moral spectacle: the importance of absentees -- chapter 4 The fortune

of the good life and the scandalous resemblance between happiness and fortune -- chapter 5 *Homo brevis*: the ethics of duration, fatigue and of the end -- chapter 6 The meaning of everyday life: particularities of guests, or uselessly waiting for the universal -- part PART II Dimensions of piety -- chapter 7 *Xenology*: prolegomena in understanding the other -- chapter 8 *Liberality*: the virtue of pluralism -- chapter 9 The time of others: human plurality as temporal diversity -- chapter 10 The ethics and aesthetics of the natural -- chapter 11 Poetics of compassion: the comprehension of the incomprehensible.

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#### Sommario/riassunto

The source of hospitality lies in the fundamental ethical experiences that make up the fabric of the social lives of people. Therein lies a primary form of humanity. Whether we are guests or hosts, this reveals our situation in a world made up of receiving and meeting, leaving room for the liberty to give and receive beyond the imperatives of reciprocity. This book proposes an ethic that promotes the possibility of stirring emotion before that of protecting ourselves from unexpected encounters. Fundamental ethical competence consists of opening up to the wholly other and to others, to be accessible to the world's solicitations. There is moral superiority of vulnerable love over control and moderation, of generous passion over rational prudence and of excess over exchange. Constructing an ethic of hospitality is essential at a time when we are torn between the imperatives of modernization and growth and the demands of concern and protection. The experience we all have today, that of the fragility of the world, is giving rise to a powerful tendency toward solicitude. From such a perspective, the duty of individuals no longer consists of protecting themselves from society, but of defending it, taking care of a social fabric outside of which no identity can be formed.

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