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Titolo	Gasification : chemistry, processes and applications // Michael D. Baker, editor
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ISBN	1-62081-888-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (384 p.)
Collana	Energy science, engineering and technology
Altri autori (Persone)	BakerMichael D
Disciplina	665.7/72
Soggetti	Coal gasification
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- ENERGY SCIENCE, ENGINEERING AND TECHNOLOGY -- MICHAEL D. BAKER -- CONTENTS -- PREFACE -- ANALYSIS OF GASIFICATION VIABILITY AS A PRE-COMBUSTION CCS OPTION, VIA THE PRODUCTION OF A H2 RICH FUEL WITH CO2 CAPTURE -- AN OVERVIEW ABOUT CURRENT AND FUTURE EXPERIMENTAL ACTIVITIES IN A FLEXIBLE GASIFICATION PILOT PLANT -- WATER GAS SHIFT AND MEMBRANE REACTOR STUDIES FOR THE PRODUCTION OF A HYDROGEN-RICH STREAM IN STEAM-OXYGEN GASIFICATION PROCESSES -- MEMBRANE AND MEMBRANE REACTOR TECHNOLOGIES IN THE TREATMENT OF SYNGAS STREAMS PRODUCED FROM GASIFICATION PROCESSES -- ADYNAMIC MODEL FOR PREDICTING TAR CONTENT IN GASES FROM A STRATIFIED DOWNDRAFT GASIFIER: PART I -MODEL DEVELOPMENT -- ADYNAMIC MODEL FOR PREDICTING TAR CONTENT IN GASES FROM A STRATIFIED DOWNDRAFT GASIFIER: PART II -MODEL SENSITIVITY ANALYSIS -- ADYNAMIC MODEL FOR PREDICTING TAR CONTENT IN GASES FROM A STRATIFIED DOWNDRAFT GASIFIER: PART III - EXPERIMENTAL VALIDATION -- GASIFICATION OF BIOMASS FOR THE PRODUCTION OF SYNGAS WITH REDUCED TAR FORMATION -- GASIFICATION OF BIOMASS AND WASTE PLASTICS IN A TWO-STAGE GASIFIER USING ACTIVATED CARBON -- COMPONENTS AND OPERATION OF THE FIXED BED DOWNDRAFT SYSTEM JOHANSSON BIOMASS GASIFIER -- STUDY OF THE CATALYTIC EFFECT OF MAGNETITE IN THE GASIFICATION OF CHARS FROM THE LIGNITE/RUBBER MIXTURES -- THE CHARACTERIZATION OF NON-VOLATILE IMPURITIES IN MIXED CARBON

FEEDSTOCK AND THEIR INTERACTIONS WITH GASIFIER LINER MATERIALS
-- INDEX.

Sommario/riassunto

Presents research in the study of the chemistry, processes and application of gasification processes. This book discusses such topics as: experimental activities in a flexible gasification pilot plant; water gas shift and membrane reactor studies for the production of a hydrogen-rich stream in steam-oxygen gasification processes; and, more.

2. Record Nr.

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Titolo

Music, electronic media, and culture // edited by Simon Emmerson

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Aldershot ; ; Burlington, USA, : Ashgate, c2000

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Soggetti

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Nota di contenuto

Cover; Contents; Notes on contributors; Introduction; Part One: Listening and interpreting; 1 Through and around the acousmatic: the interpretation of electroacoustic sounds; 2 Simulation and reality: the new sonic objects; 3 Beyond the acousmatic: hybrid tendencies in electroacoustic music; Part Two: Cultural noise; 4 Plunderphonics; 5

Crossing cultural boundaries through technology?; 6 Cacophony; Part Three: New places, spaces and narratives; 7 Art on air: a profile of new radio art; 8 'Losing touch?': the human performer and electronics
9 Stepping outside for a moment: narrative space in two works for sound aloneIndex; A; B; C; D; E; F; G; H; I; J; K; L; M; N; O; P; Q; R; S; T; U; V; W; X; Y; Z

Sommario/riassunto

Technology revolutionised the ways that music was produced in the twentieth century. As that century drew to a close and a new century begins a new revolution in roles is underway. The separate categories of composer, performer, distributor and listener are being challenged, while the sounds of the world itself become available for musical use. All kinds of sounds are now brought into the remit of composition, enabling the music of others to be sampled (or plundered), including that of unwitting musicians from non-western cultures. This sound world may appear contradictory - stimulating and in
