

Interdisciplinary Perspectives on Contemporary Conflict Resolution

Part of the Advances in Linguistics and Communication Studies Book Series

Paulo Novais (University of Minho, Portugal) and Davide Carneiro (University of Minho, Portugal)

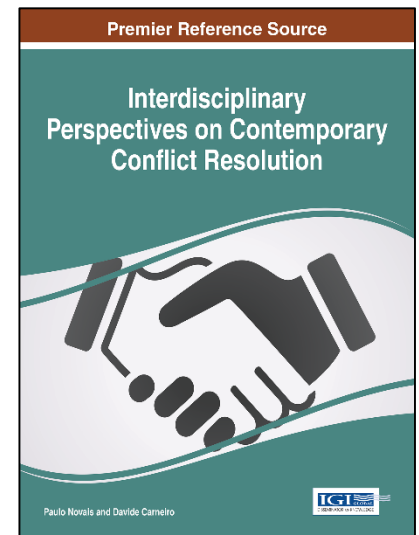
Description:

Since the dawn of human speech and interaction, there have been conflicts among individuals, regions, and whole nations. Disagreements, miscommunications, no matter the name they take conflicts will continue to be present in every field of work or study. New technologies such as social media have extended people's ability to communicate, and therefore dispute, making additional research and practical solutions for resolving conflict all the more necessary.

Interdisciplinary Perspectives on Contemporary Conflict Resolution presents theoretical perspectives on the causes of diverse conflicts, approaches novel disputes and the technology associated therein, and provides readers with multifaceted solutions to the myriad of potential arguments and disagreements that arise as part of the human condition.

Readers:

This interdisciplinary publication is a critical resource for researchers, legal practitioners, policy makers, government officials, and students and educators in the fields of political science, communication studies, and business.



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Topics Covered:

- Agreement Technologies
- Data Protection
- E-Government Conflict Resolution
- Environmental Conflicts
- Online Argumentation
- Online Dispute Resolution
- Organizational Conflict
- Quality of Judgement
- Restorative Justice

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Foreword

Preface

Acknowledgment

Section 1:
About Conflicts

Conflicts occur naturally in virtually every domain of our existence and every reader for sure had, by this time, their fair share of conflicts. The first section of this book will analyze fundamental issues about conflicts, their diversity, their emergence and their resolution.

Chapter 1

Conflict and its Different Dimensions

Marco Gomes, University of Minho, Portugal

Paulo Novais, University of Minho, Portugal

Chapter 2

Biometrics and Data Protection: These data are derived from an individual

Francisco Andrade, Universidade do Minho, Portugal

Teresa Moreira, Universidade do Minho, Portugal

Chapter 3

Organizational Conflict and its Management

Saleem Gul, Institute of Management Sciences, Pakistan

Michael Klausner, University of Pittsburgh, United States of America

Chapter 4

Environmental Conflicts

Cristian Iojă, University of Bucharest, Romania

Mihai Nita, University of Bucharest, Romania

Constantina Hossu, University of Bucharest, Romania

Chapter 5

Restorative Justice and Technology

Pedro Freitas, Universidade do Minho, Portugal

Pablo Palermo, Max Planck Institute for Comparative Public Law and International Law, Uruguay

Section 2:
Conflict and Its Resolution

As technology and society progress, new types of conflict emerge and their complexity increases. Fortunately, this evolution also results in new approaches for solving conflicts, and new supporting technologies, both for judicial and extra-judicial conflict resolution processes. This section deal with classic and novel methods and technologies for conflict resolution.

Chapter 6

Quality of Judgment Assessment

José Neves, Universidade do Minho, Portugal

John Zeleznikow, Victoria University, Australia

Henrique Vicente, Universidade de Évora, Portugal

Chapter 7

Alternative Dispute Resolution in Civil and Commercial Matters in the European Union

Marco Gonçalves, Universidade do Minho, Portugal

Chapter 8

Online dispute resolution for consume in Portugal and in the European Union: The future platform for online dispute resolution

Fernando Viana, Centro de Informação, Mediação e Arbitragem de Conflitos de Consumo, Portugal

Francisco Andrade, Universidade do Minho, Portugal

Chapter 9

Agreement Technologies for Conflict Resolution

Vicente Julian, Universidad Politécnica de Valencia, Spain

Victor Sanchez-Anguix, Universidad Politécnica de Valencia, Spain

Stella Heras, Universidad Politécnica de Valencia, Spain

Chapter 10

Conflict Resolution Problem Solving with Bio-Inspired Metaheuristics: A Perspective

Paulo Oliveira, Universidade de Trás-os-Montes e Alto Douro, Portugal

Eduardo Pires, Universidade de Trás-os-Montes e Alto Douro, Portugal

Chapter 11

Opinion Aggregation and Conflict Resolution in E-Government Platforms: Contrasting

Social Media Information through Argumentation

Carlos Chesnevar, Universidad Nacional del Sur, Argentina

Ana Maguitman, Universidad Nacional del Sur, Argentina

María González, Universidad Nacional del Sur, Argentina

Elsa Estevez, United Nations University

Section 3:
Applications for Conflict Resolution

As shown in Sections 1 and 2 of this book, conflicts are virtually everywhere. This undoubtedly calls for interdisciplinary approaches for not only perceiving and modeling conflicts as already addressed but most of all for solving these conflicts. This section describes new processes for solving new forms of conflict that emerged in the recent years as a result of an unprecedented technological and social evolution.

Chapter 12

Intelligent tutoring: Active monitoring and recommendation

Manuel Rodrigues, ESTGF, Portugal

Sérgio Gonçalves, University of Vigo, Spain

Ricardo Santos, ESTGF, Portugal

Florentino Fdez-Riverola, University of Vigo, Spain

Davide Carneiro, University of Minho, Portugal

Chapter 13

Real-Time Detection of Pedestrians: A Comparison of Three Segmentation Algorithms in Infrared Video

Antonio Fernández-Caballero, Universidad de Castilla-La Mancha, Spain

Juan Serrano-Cuerda, Universidad de Castilla-La Mancha, Spain

Chapter 14

Conflict Resolution with Agents in Smart Cities

Pablo Chamoso, University of Salamanca, Spain

Fernando De la Prieta, University of Salamanca, Spain

Javier Bajo Pérez, Polytechnic University of Madrid, Spain

Alberto Pérez, University of Salamanca, Spain

Chapter 15

Conflict Resolution in Robotics: An Overview

Ester Martínez-Martin, Jaume-I University, Spain

Angel del Pobil, Jaume-I University, Spain

Chapter 16

Crowdsourcing Dispute Resolution: Survey and Challenges

Nuno Luz, School of Engineering - Polytechnic of Porto, Portugal

Marta Poblet, RMIT University, Australia

Nuno Silva, School of Engineering - Polytechnic of Porto, Portugal

Chapter 17

Managing conflicts in e-learning environments

Tomás Martínez, Granada University, Spain

Dalila Durães, Secondary School of Caldas Taipas, Spain

Francisco Lucena, Granada University, Spain

José de la Guardia, Rioja International University, Spain

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About the Contributors

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Paulo Novais is an Associate Professor with Habilitation of Computer Science at the Department of Informatics, in the School of Engineering of the University of Minho (Portugal) and a researcher at the ALGORITMI Centre in which he is the coordinator of the research group Intelligent Systems Lab, and the coordinator of the research line in “Ambient intelligence for well-being and Health Applications”. From the same university he received a PhD in Computer Science in 2003 and his Habilitation in Computer Science in 2011. He started his career developing scientific research in the field of Intelligent Systems/Artificial Intelligence (AI), namely in Knowledge Representation and Reasoning, Machine Learning and Multi-Agent Systems. His interest, in the last years, was absorbed by the different, yet closely related, concepts of Ambient Intelligence, Ambient Assisted Living, Intelligent Environments, AI and Law, Conflict Resolution and the incorporation of AI methods and techniques in these fields. His main research aim is to make systems a little more smart, intelligent and also reliable. He has led and participated in several research projects sponsored by Portuguese and European public and private Institutions and has supervised several PhD and MSc students. He is the co-author of over 230 book chapters, journal papers, conference and workshop papers and books. He is the president of APPIA (the Portuguese Association for Artificial Intelligence) for 2016/2017 and member of the executive committee of the IBERAMIA (IberoAmerican Society of Artificial Intelligence). During the last years he has served as an expert/reviewer of several institutions such as EU Commission and FCT (Portuguese agency that supports science, technology and innovation).

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