

# Index

- Abstraction Framework for Cooperation among Agents and People in a Virtual World, An, 54
- Aha, David W., 137
- AI Wall Building in Empire Earth® II, 133
- Alspaugh, Thomas A., 139
- Andrade, Gustavo, 3
- Ashmore, Calvin, 127
- Authoring an Interactive Narrative with Declarative Optimization-Based Drama Management, 127
- Automatic Story Generation for Computer Role-Playing Games, 147
- Baumer, Eric, 139
- Believable and Reactive Crowds in Next Generation Games, 143
- Biased Cost Pathfinding, 112
- Björnsson, Yngvi, 9
- Blyth, Shannon, 15
- Bosley, William, 72
- Brogan, David, 92
- Building Robust Planning and Execution Systems for Virtual Worlds, 29
- Building Test Beds for AI with the Q3 Mode Base, 153
- Bulitko, Vadim, 86, 112
- Buro, Michael, 80
- Carpenter, Paul, 29
- Cheong, Yun-Gyung, 106
- Chubak, Pirooz, 112
- Clevenger, William, 145
- Compton, Kate, 109
- Corruble, Vincent, 3, 121
- CrowdMixer: Multiple Agent Types in Situation-Based Crowd Simulations, 15
- Culyba, David, 72
- Cutumisu, Maria, 141, 147
- Dahlbom, Anders, 21
- Davis, Ian Lane, ix, 133
- Demonstration of ScriptEase Ambient and PC-Interactive Behavior Generation for Computer Role-Playing Games, A, 141
- Designing a Reinforcement Learning-based Adaptive AI for Large-Scale Strategy Games, 121
- Dini, Don M., 29, 149
- Dynamic Game Balancing: An Evaluation of User Satisfaction, 3
- Ferguson, William, 54
- Framework for Summarizing Game Experiences as Narratives, A, 106
- Geramifard, Alborz, 112
- Goal-Directed Hierarchical Dynamic Scripting for RTS Games, 21
- Gold, Aliza, 151
- Gomes, Alex Sandro, 3
- Goodwin, Scott D., 130
- Guided Performance Interface for Augmenting Social Experiences with an Interactive Animate Character, A, 72
- Halldórsson, Kári, 9
- Hamilton, Howard J., 15
- Harger, Brenda, 72
- Haskell, Sabrina A., 72
- Holder, Lawrence B., 153
- Hosmer, Andrew, 72
- Hussain, Talib, 54
- Improved Heuristics for Optimal Pathfinding on Game Maps, 9
- Improving Collaborative Pathfinding Using Map Abstraction, 80
- Incorporating Advice into Neuroevolution of Adaptive Agents, 98
- Incremental Heuristic Search in Games: The Quest for Speed, 118
- Intelligent Tutoring Systems for Commercial Games: The Virtual Combat Training Center Tutor and Simulation, 66
- Iyer, Kumar, 29
- Jackson, T. J., 72
- Jhala, Arnav, 36
- Johansson, Stefan J., 42
- Kacmarcik, Gary, 115
- Karpov, Igor V., 98, 151
- Knight, Russell, 48
- Koenig, Sven, 118
- Kruszewski, Paul A., 143
- Laird, John, ix
- Lee, Sunyoung, 60
- Lester, James C., 60
- Leung, Alice, 54
- Liesegang, Shane J. M., 72
- Lightweight Simulation of Air Traffic Control Using Simple Temporal Networks, 48
- Likhachev, Maxim, 118
- Madeira, Charles, 121
- Marin, Samuel, 124
- Mateas, Michael, 109, 127
- McAlinden, Ryan, 145
- McDonald, David, 54
- McQuiggan, Scott W., 60
- Miikkulainen, Risto, 98, 151
- Mixing Story and Simulation in Interactive Narrative, 149
- Modeling Goal-Directed Players in Digital Games, 86

- Modeling Self-Adapting and Multicultural Non-Player Characters in Artificial Worlds, 124
- Molineaux, Matthew, 137
- Moore, Philip, 137
- Murray, William R., 66
- Nelson, Mark J., 127
- NERO Video Game, The, 151
- Niklasson, Lars, 21
- Nolen, Billy, 153
- Normative Echoes: Use and Manipulation of Player Generated Content by Communities of NPCs, 139
- Olsson, Fredrik, 42
- Onuczko, Curtis, 141, 147
- Organizing Committee, xi
- Patel, Seema, 72
- Plausible Environment Reconstruction Using Bayesian Networks, 130
- Predicting User Physiological Response for Interactive Environments: An Inductive Approach, 60
- Preface, ix
- Price, Robert G., 130
- Procedural Level Design for Platform Games, 109
- Program Committee, xiii
- Ramalho, Geber, 3, 121
- Representational Requirements for a Plan Based Approach to Automated Camera Control, 36
- Riedl, Mark O., 149
- Ross, Michael, 153
- Schaeffer, Jonathan, ix, 141, 147
- Schumacher, Allan, 141, 147
- Self Organization of Context for Learning in MultiAgent Games, The, 92
- Siegel, Jeff, 141, 147
- Sponsors, xv
- Stanley, Kenneth O., 98, 151
- Stepniewicz, Peter, 72
- Stern, Andrew, 149
- Sturtevant, Nathan, 80
- Szafron, Duane, 141, 147
- Teich, Tara, 133
- Testbed for Evaluating AI Research Systems in Commercial Games, A, 137
- Thue, David, 86
- Tien, Wen, 145
- Tomlinson, Bill, 139
- Using Environmental Annotations and Affordances to Model Culture, 145
- Using Multi-Agent System Technologies in Risk Bots, 42
- Using Natural Language to Manage NPC Dialog, 115
- Valenti, James, 72
- van Lent, Michael, ix, 29, 145
- Waugh, Kevin, 141, 147
- White, Chris, 92
- Yau, Man Lok, 139
- Yong, Chern Han, 98
- Young, R. Michael, ix, 36, 106
- Youngblood, G. Michael, 153
- Zayat, Salim, 72