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	Nota di contenuto	Intro Preface Organization Intertwining Creative and Design Thinking Processes for Software Products (Keynote Abstract) Contents Testing An Empirical Assessment on Affective Reactions of Novice Developers When Applying Test-Driven Development 1 Introduction 2 Background and Related Work 2.1 Affective States and Studies About Developers' Affective States 2.2 Effects of TDD 3 Experiment Planning 3.1 Goals 3.2 Experimental Units 3.3 Experimental Material 3.4 Tasks 3.5 Hypotheses, Parameters, and

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Sommario/riassunto	This book constitutes the refereed proceedings of the 20th International Conference on Product-Focused Software Process Improvement, PROFES 2019, held in Barcelona, Spain, in November 2019. The 24 revised full papers 4 industry papers, and 11 short papers presented were carefully reviewed and selected from 104 submissions. The papers cover a broad range of topics related to professional software development and process improvement driven by product and service quality needs. They are organized in topical sections on testing, software development, technical debt, estimations, continuous delivery, agile, project management, microservices, and continuous experimentation. This book also includes papers from the co-located events: 10 project papers, 8 workshop papers, and 4 tutorial summaries.