1. Record Nr. UNINA9910373902903321 Autore Gratton Petra Titolo Achieving Success with the Engineering Dissertation / / by Petra Gratton, Guy Gratton Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2020 **ISBN** 3-030-33192-X Edizione [1st ed. 2020.] 1 online resource (XV, 279 p. 79 illus., 26 illus. in color.) Descrizione fisica 620.0023 Disciplina Engineering—Vocational guidance Soggetti Dissertations, Academic Technical education Job Careers in Science and Engineering Thesis and Dissertation Engineering/Technology Education Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia What is the Dissertation? -- Objectives and Expectations of: -- How to Nota di contenuto be the Student who Aces their Dissertation -- Selecting the Project: --The Opening Literature Review -- The Project Plan -- Designing... --Acting Professionally -- Presenting Data -- Engineering Analysis --Drawing and Presenting Conclusions -- Making Recommendations --Reflection -- The Output -- The Dissertation and the Job -- Publishing Onwards -- Appendices. Sommario/riassunto This book guides the student reader in preparing their dissertation or major project, including both report and presentation, and explains how to use them as a bridge to the "next big thing" - the graduate's first job, or their next degree. The dissertation is the single most important component of an engineering degree, not only carrying the most marks, but bridging from academic study to professional practice. Achieving Success with the Engineering Dissertation describes the

different types of dissertation, how to pick the best project and how a student can prepare themselves to succeed with their own dissertation.

The authors explain how best to plan and execute the project,

including the roles of the student, supervisor and project sponsor, and what they should expect from each other. Further material includes details of competitions that can be entered with dissertation projects, presentation of data, using the dissertation in job interviews, and creating research publications. Achieving Success with the Engineering Dissertation will be of use to both undergraduate and postgraduate students in all fields of Engineering, and to their supervisors.