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Titolo	The Universe of Digital Sky Surveys : A Meeting to Honour the 70th Birthday of Massimo Capaccioli // edited by Nicola R. Napolitano, Giuseppe Longo, Marcella Marconi, Maurizio Paolillo, Enrichetta Iodice
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Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Foreword -- Massimo Capaccioli's life long scientific involvement -- Introduction -- The Universe of Imaging Surveys -- ESO Public Surveys -- News from VST -- The Universe of Spectroscopic Surveys -- The High-Energy Universe -- Photos of the conference and Celebrations of Massimo Capaccioli 70th birthday -- Final remarks.
Sommario/riassunto	These are the proceedings of a meeting in honour of Massimo Capaccioli at the occasion of his 70th birthday. The conference aimed at summarizing the results from the main current and past digital sky survey projects and at discussing how these can be used to inspire ongoing projects and better plan the future ones. Over the last decades, digital sky surveys performed with dedicated telescopes and finely-tuned wide-field cameras, have revolutionized astronomy. They have become the main tool to investigate the nearby and far away universe, thus providing new insights in the understanding of the galaxy structure and assembly across time, the dark components of the universe, as well as the history of our own galaxy. They have also opened the time domain leading to a new understanding of the transient phenomena in the universe. By providing public access to top quality data, digital surveys have also changed the everyday practice of astronomers who have become less dependent on direct access to

large observing facilities. The full scientific exploitation of these surveys has also triggered significant advances in both space and ground based technology and in the field of multi-object spectroscopy. The various sections of this book are devoted to different relevant aspects of astrophysics in the era of digital sky surveys and include both review and shorter, more focused contributions.
