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Nota di contenuto	Solar flares -- Flares: The solar-stellar connection -- Radio emission from flares in single late-type stars -- High-resolution dynamic spectrum of a spectacular radio burst from AD Leonis -- VLBI observations of flares in RS CVn binary systems -- Coherent radio bursts from RS CVn binaries -- Systematic radio-observations of UX Arietis: Analysis of its variability -- Radio flares in HR 1099 (V711 Tau) -- Sunspot proper motion and flare frequency -- Optical flares: Observations and interpretations -- The red dwarf star population in the galaxy -- Kinematics and ages of UV Ceti stars -- Flare activity among nearby stars -- Young and old subsystems of flare stars -- Flare activity and cluster membership probability of flare stars -- New EUV selected flare stars -- Flare stars in a field near the North Galactic Pole: ROSAT and optical observations -- Some results of the coordinated observations of the red dwarf flare star EV Lac in 1986–1994 -- A possible discovery of a flaring 1012 eV gamma-ray source near the red dwarf EV Lac -- Short-time flare events of EV Lac -- Observations of high-frequency activity of EV Lacertae -- Spectral and photometrical investigation of EV Lac in different states with high time

resolution -- Photoelectric observations of AD Leo: 1989–1994 --
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 large amplitude flaring dMe star in the 1978 October 6B γ -ray burst
 error box -- A major optical flare on the recently discovered X-ray
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 Com: a typical RS Canum Venaticorum star -- A long-duration pre-
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 the neighbourhood of the L 1 point in W serpentis-type binaries --
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 1993 -- Physical processes during impulsive solar and stellar flares --
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 type binaries -- Influence of coronal mass ejections from the red dwarf
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 accreting relativistic systems -- Flares in T Tauri stars -- Properties of
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 -- Activity on T Tauri stars -- A very active T Tauri star in NGC 7129 --
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 Orionis -- Observations of short-term dips in the Orion variables DD
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 behaviour of the symbiotic nova PU Vul in 1985–1994 -- Photometry of
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 941014 -- Deep search for optical counterparts of gamma-ray bursters
 -- CCD sky monitoring and burst alert -- The plate collection at the
 Harvard College Observatory -- Optical sky monitoring: Past and future
 -- The Odessa Sky Patrol plate collection -- Nova Patrol at Abastumani
 -- Wide-field plate database: A progress report -- GCVS problems with
 flare stars -- Detections of neutron stars in the extreme ultraviolet --
 Time variability studies with ROSAT -- Wide-field cameras for GRB
 observations in X-rays and EUV -- Wide-field X-ray optics -- Flares
 and flashes: The future -- After dinner address -- Resolution.

Sommario/riassunto

The contributions to the 151st IAU Colloquium cover different fields of
 recent research, observational as well as theoretical, on solar and
 stellar flares ranging from radio up to gamma-ray wavelengths. A
 special chapter is devoted to all-sky monitoring and, finally, the
 excerpts of a round-table discussion present the reader with an
 interesting outlook on future developments. This book is therefore a
 unique source for those who want to get a complete picture of this
 fascinating part of modern astrophysics.

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Autore	Cicero Marcus Tullius
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