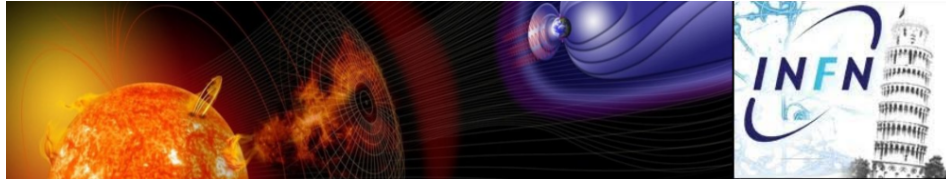


# RHESSI-20 Workshop: Preparing for the Next Decade in High-Energy Solar Physics Research



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## Energy partition in solar flares: the results from RHESSI and the prospects with STIX

*Thursday, July 8, 2021 6:35 PM (50 minutes)*

Solar eruptive events are characterized by a complex interplay of energy release, transport, and conversion processes. Over the past two decades, RHESSI has been instrumental for quantitatively characterizing the energetics of both the thermal plasma and the accelerated nonthermal electrons. We will review the relevant results obtained from RHESSI observations (supported by EUV and bolometric data) and try to understand why several of these studies have come to differing conclusions. Finally, we will discuss the prospects for better understanding energy partition that will be provided by a new generation of hard X-ray instruments, in particular STIX on Solar Orbiter.

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