PERCEIVED SYNERGIES WITHIN eHEROES CONSORTIUM AS SEEN FROM SRC-PAS PERSPECTIVE

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- Survey of the eHeroes programme work package contents and task definitions shows many complementary areas where joint actions can be undertaken among consortium members.
- Some of these synergies are not limited to one group of members assigned to a particular task but also extend across eHeroes work packages.
- Common benefits may be obtained from collaborative work of different groups within the Consortium.

From this reason I'll show and discuss examples of possible synergies as seen from SRC-PAS perspective.

KO, INAF **T 2.1**

Active region magnetic configurations as flare precursors

UOulu, Hvar **T4.3**

Study of activity forecasting methods in different time-scale







SRC-PAS **T 2.4**

> Study of the plasma heating and eruptive process (nanoflares, bright points, micro--dimmings ect.) in small scale coronal structures and their relevance with transient slow solar wind

SRC-PAS T 4.2 Parameters for spatial-

Parameters for spatial-temporal distributions of flares and CMEs





UCT, UCL, OBSPARIS, KU Leuven T 3.1

Build-up of free magnetic energy and helicity prior to eruptions, helicity depletion via CMEs and Precursors of eruptive event

SRC-PAS synergy tree At a first glance

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How collaboration during work towards deliverables can extend and improve them.

- D 2.1 Scientific report on photospheric flare precursors. KO, INAF
- D 3.1 Pre-Event Build-up of free magnetic energy and helicity, event precursors. UCT, UCL, OBSPARIS, KU Leuven



D 2.4 Online report"Small-scale solar activity as the source of the transient solar wind"LPI, KU Leuven, ROB, UCL, SRC-PAS

D 4.3 Reports and maps of spatial-temporal distribution of flares and CMEs. UOulu, Hvar



D 4.2 Report on optimum parameters for the spatial-temporal distribution of flares and CMEs. UOulu, ROB, SRC-PAS

D 2.1 Scientific report on photospheric flare precursors. KO, INAF

D 3.1 Pre-Event Build-up of free magnetic energy and helicity, event precursors. UCT, UCL, OBSPARIS, KU Leuven



D 4.2 Report on optimum parameters for the spatial-temporal distribution of flares and CMEs. UOulu, ROB, SRC-PAS

Thank You

We are sure there are many more possibilities for beneficial collaboration between Consortium members, I just mentioned about a few of them