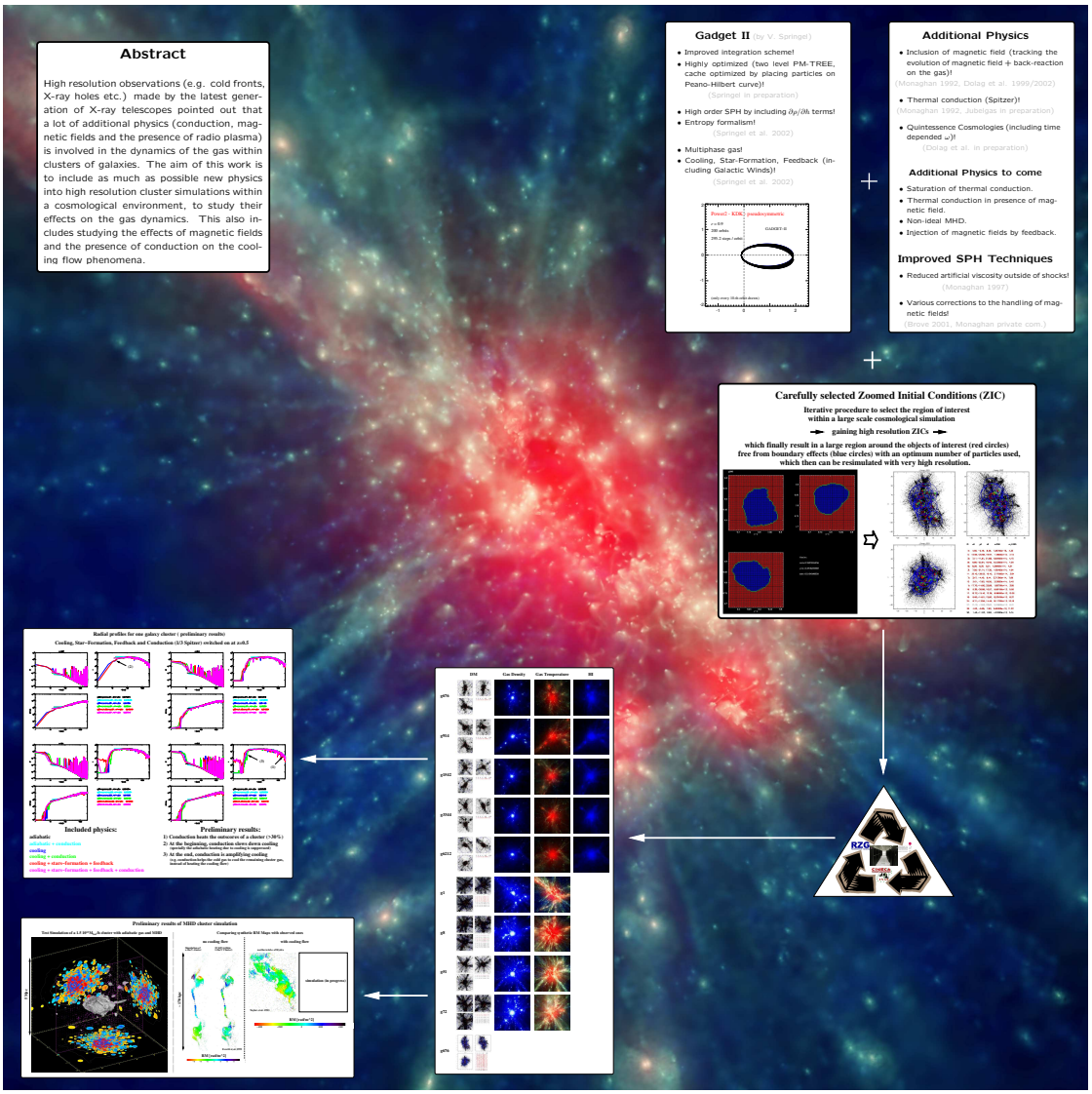
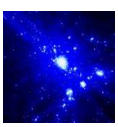
New Generation of Cluster Simulations



(gas temperature map)



(gas density map)

Simulation of a Super−Cluster like structure

$m_{dm} = 1.13\ 10^9 M_{Sol}/h$ $\quad N_{total} = 10.1\ 10^6$

$m_{gas} = 0.17\ 10^9 M_{Sol}/h$ $\quad N_{gas}(r_{200}) = 1.3\ 10^6$

(bigest cluster)

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