



LBL 2, 1 (2018)

## “Cooling flows” in DIFA classrooms

Light Bulb Lab (LBL)<sup>1</sup>

<sup>1</sup> Department of Physics Astronomy – DIFA (Bologna)

Accepted 2018 November 10, Received 2018 November 9; in original form 2018 September 23

### ABSTRACT

The gas temperature in some areas of DIFA classrooms N and M drops inward by about a factor of two within the central 100 cm radius. The human body cooling time drops over the same region from about 100yr down to about  $10^{-2}$  yr. Infrared images show holes coincident with icy cold lobes. The observational situation is reported here and may be discussed in the near future, together with the implications for any heat source which can balance radiative cooling and save our lives.

**Key words:** radiative transfer – cooling flows – IR maps

### 0 OBSERVATIONS



**Fig 1.** Left: optical image taken by a smartphone. Right: infrared-radio emission superimposed. The “cooling flow” is characterized by a temperature slightly higher than CMB.