



Local Warming



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Computing

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Networks and Mobile
Computing
Remi Turbet de la Combe

6 Man no longer seeks heat —
heat seeks man.

5 A new paradigm
of local warming—
is ushered in with dynamic control over space. An individual
thermal cloud follows each human, a personal climate that
ensures comfort and decimates energy consumption. New
sociabilities are forged as people share heat across digitally-
integrated modes of living.

4 Digital controls adapt to
human patterns—
at the convergence of bits and atoms, technology can
understand and adjust to the body. Climate control becomes
a dialogue. With today's integration of smartphones and
digitalization, dynamic control systems modulate heat over
time to match inhabitants.

3 Exacerbating the
asymmetry between energy
and occupancy—
a binary choice between ON and OFF guarantees comfort
in the absence of alternative. Buildings are limited to constant
24-hour energy supply, and occupants are limited to constant
24-hour use of the space. To ensure constant comfort, many
heats every space the might possibly inhabit.

1 The earliest habitation
technology was the grotto—
a natural feature that provides man safety for warmth,
protection and security. Here is the birth of the preferred
habitat. Until the 20th century, the habitat remained a local
point; it was not only functional, but as Frank Lloyd Wright
noted, it was "the psychological center of the home."

2 Over time, heat has
become unmoored—
human history has seen an evolution of the habitat, a
nomadic of climate. Invention, from grotto to fire pit,
from Victorian pipe to central heating and suburban
thermostats, man exerts more and more control over his
immediate environment. Technology adapts to create an
alternate lifestyle.

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