

# Existence of the zero-range process with super-linear growth rates

Inés Armendáriz<sup>1</sup>, Enrique Andjel<sup>2</sup>, Milton Jara<sup>3</sup>

<sup>1</sup> Universidad de Buenos Aires, IMAS-Conicet

<sup>2</sup> Université de Provence

<sup>3</sup> IMPA

We use coupling arguments to construct the zero-range dynamics with superlinear, non-decreasing jump rates, and derive some properties of this process.