

# Exploring the high baryon-density regime of the QCD phase diagram within a dynamically initialized hybrid model

Anna Schäfer, Iurii Karpenko and Hannah Elfner



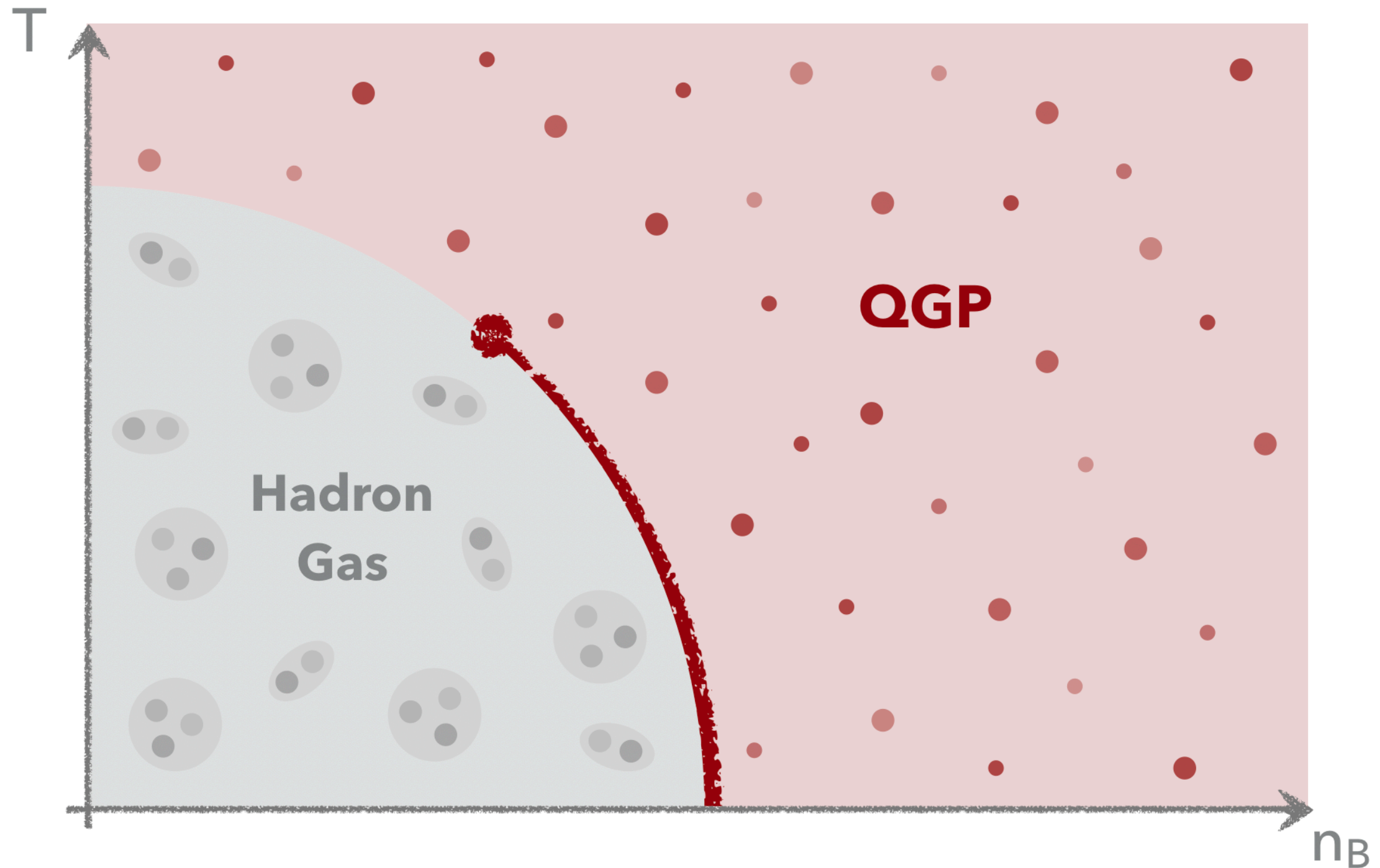
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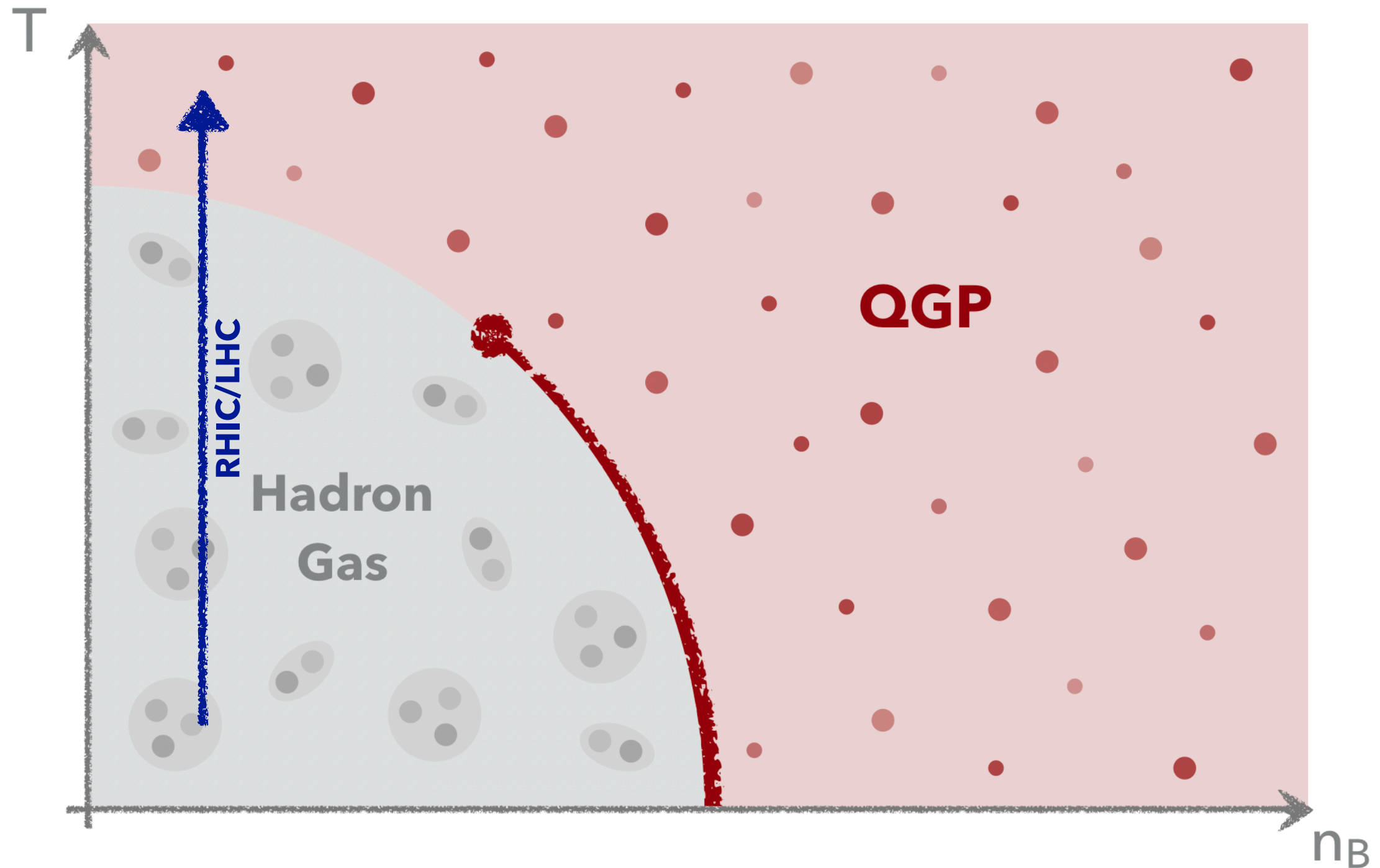
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# Exploring the **high baryon-density regime** of the **QCD phase diagram** within a **dynamically initialized hybrid model**

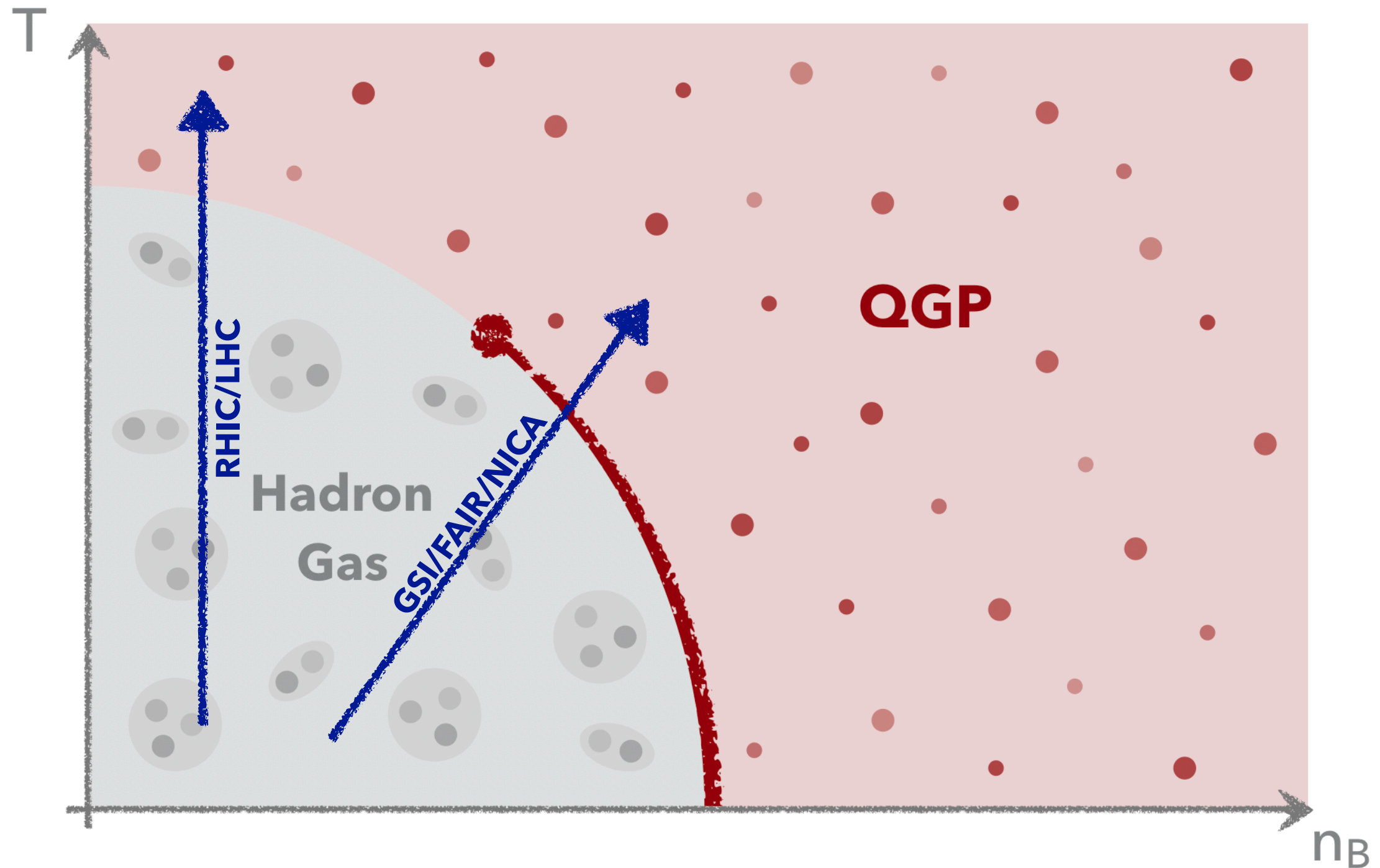
# QCD Phase Diagram



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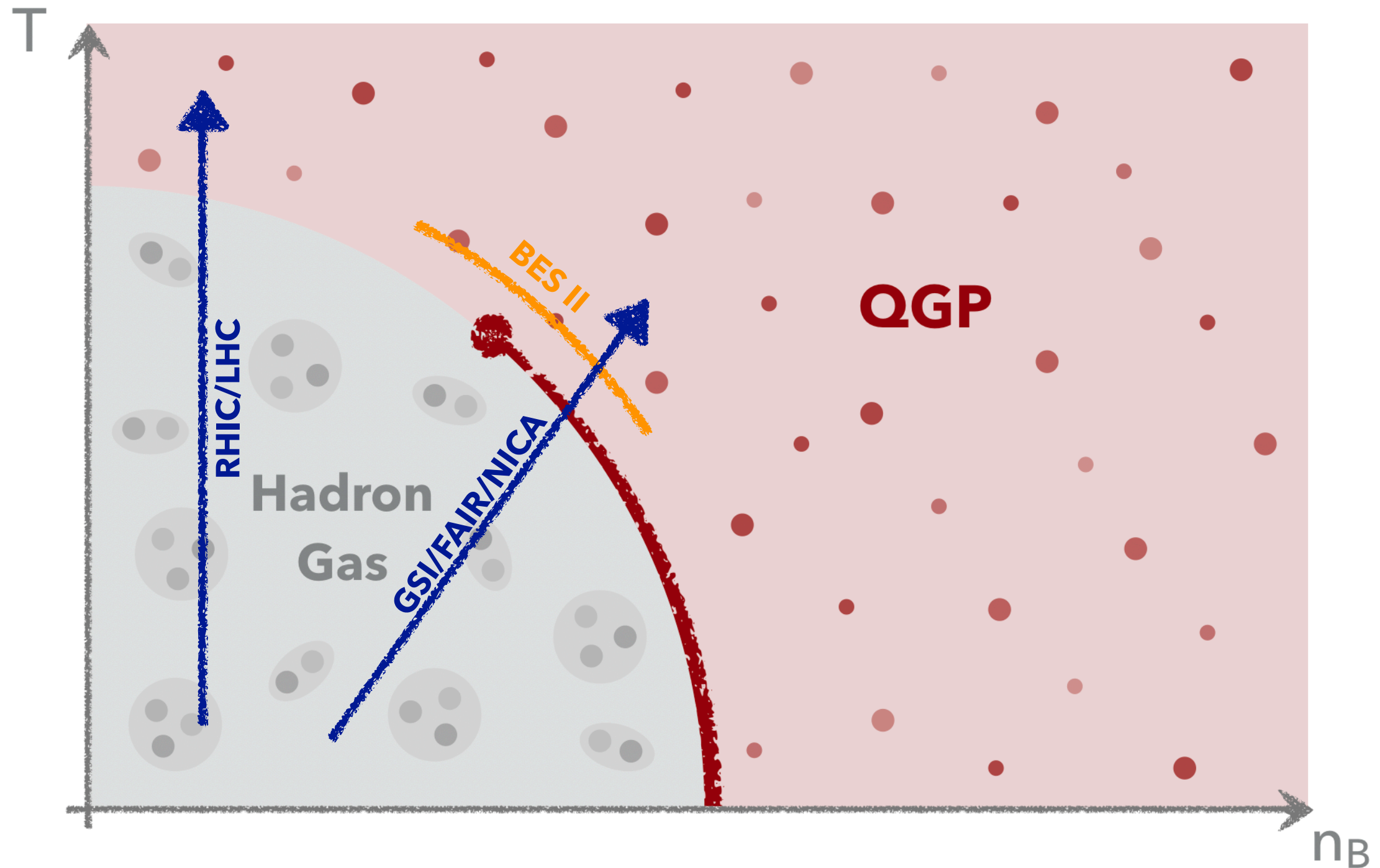


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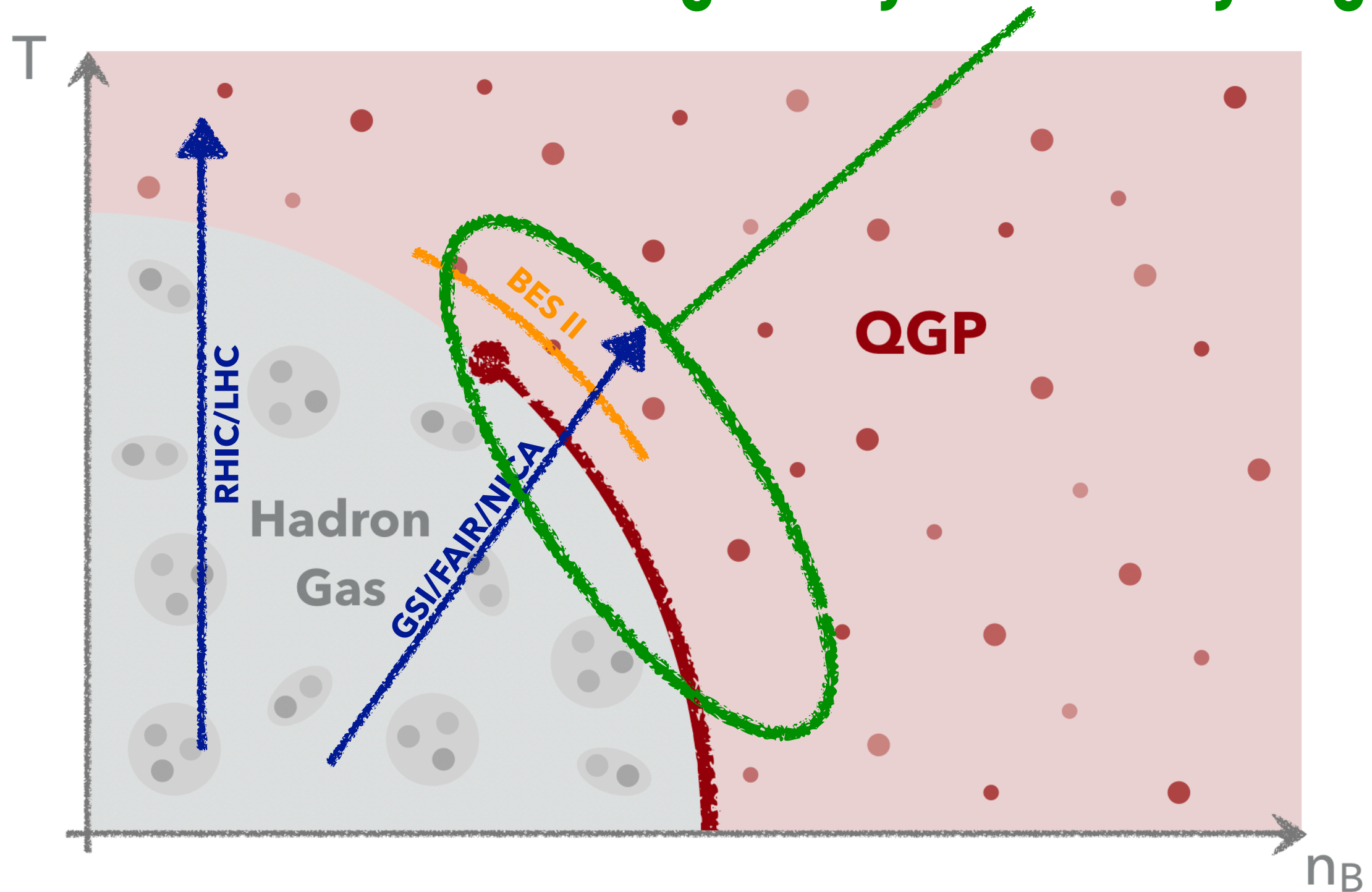


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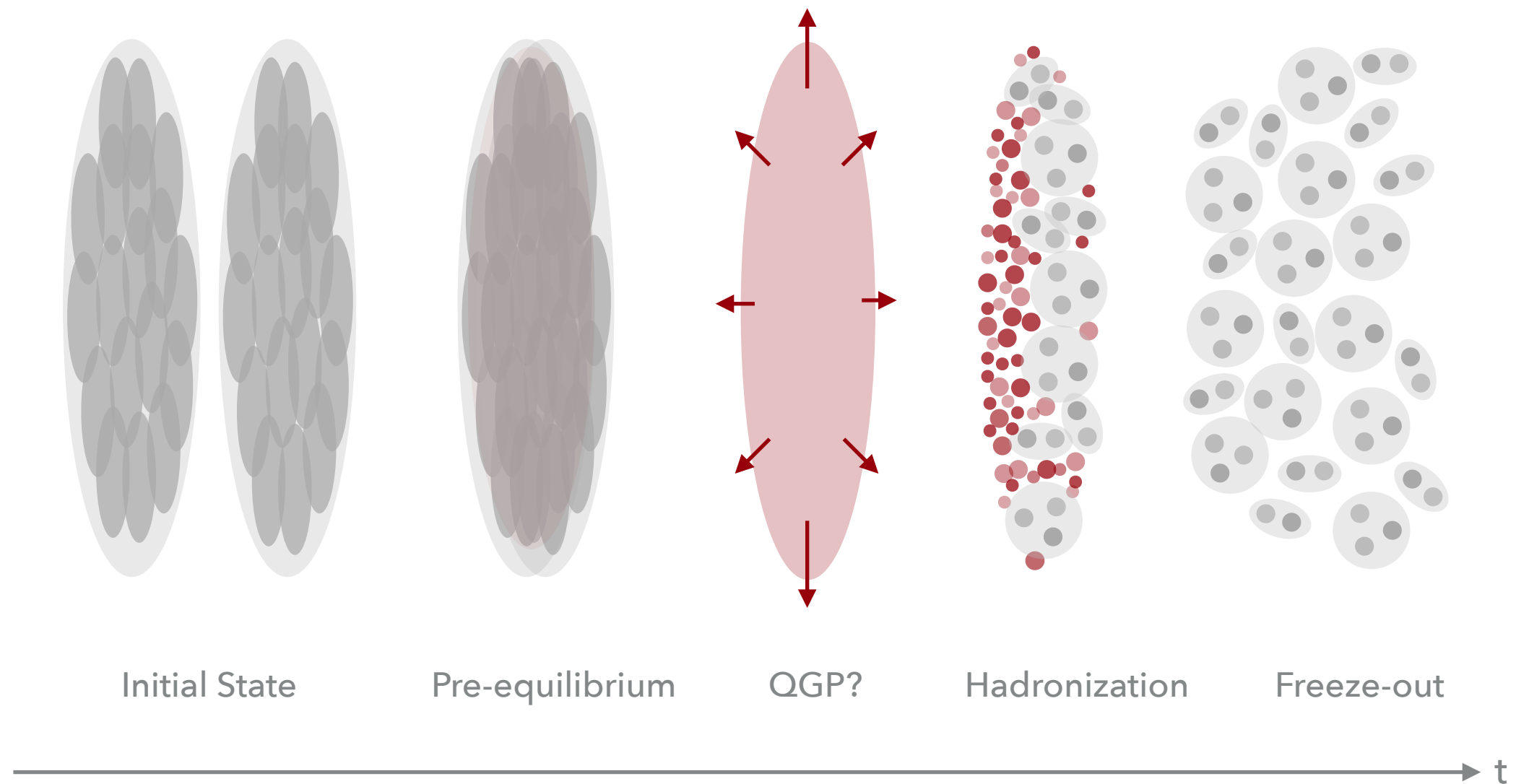


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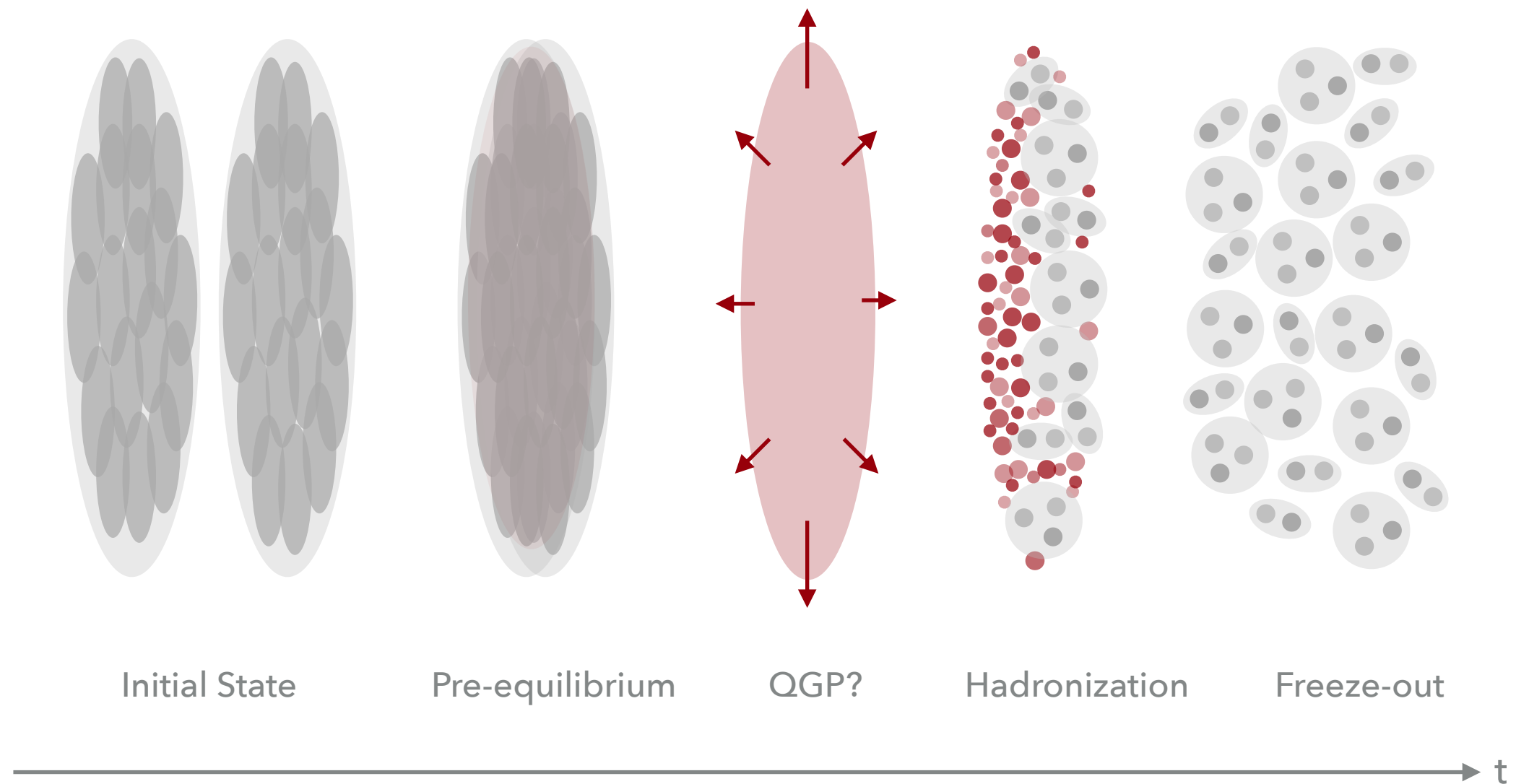
high baryon-density regime



# Schematic Overview: Heavy-Ion Collision

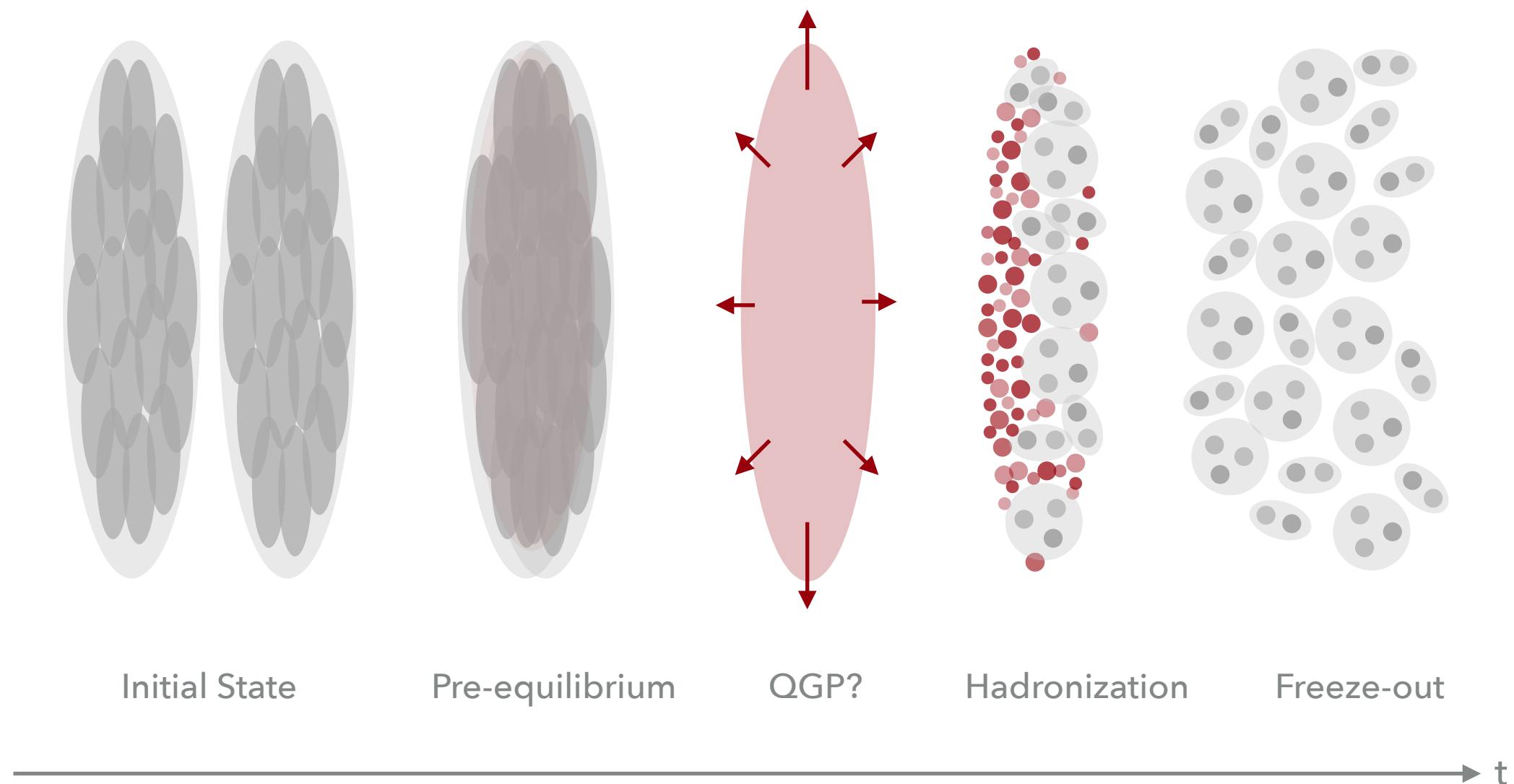


# Schematic Overview: Heavy-Ion Collision



Effective models required to understand fundamental properties of QCD:  
**Dynamically initialized hybrid model**

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**SMASH + vHLE + Cooper-Frye Sampler + SMASH**