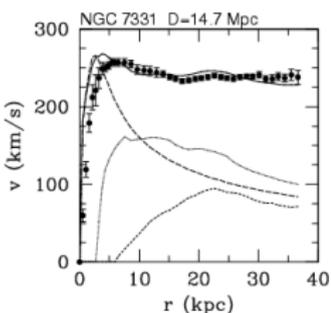
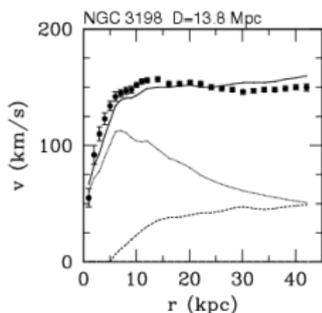
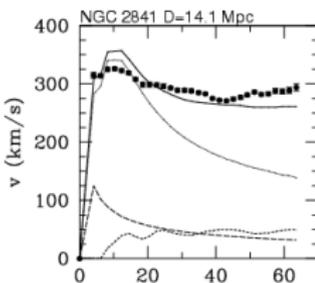
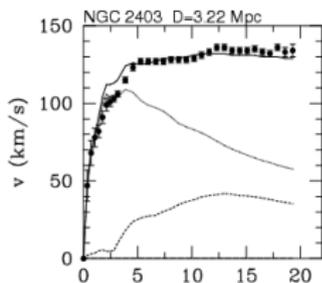


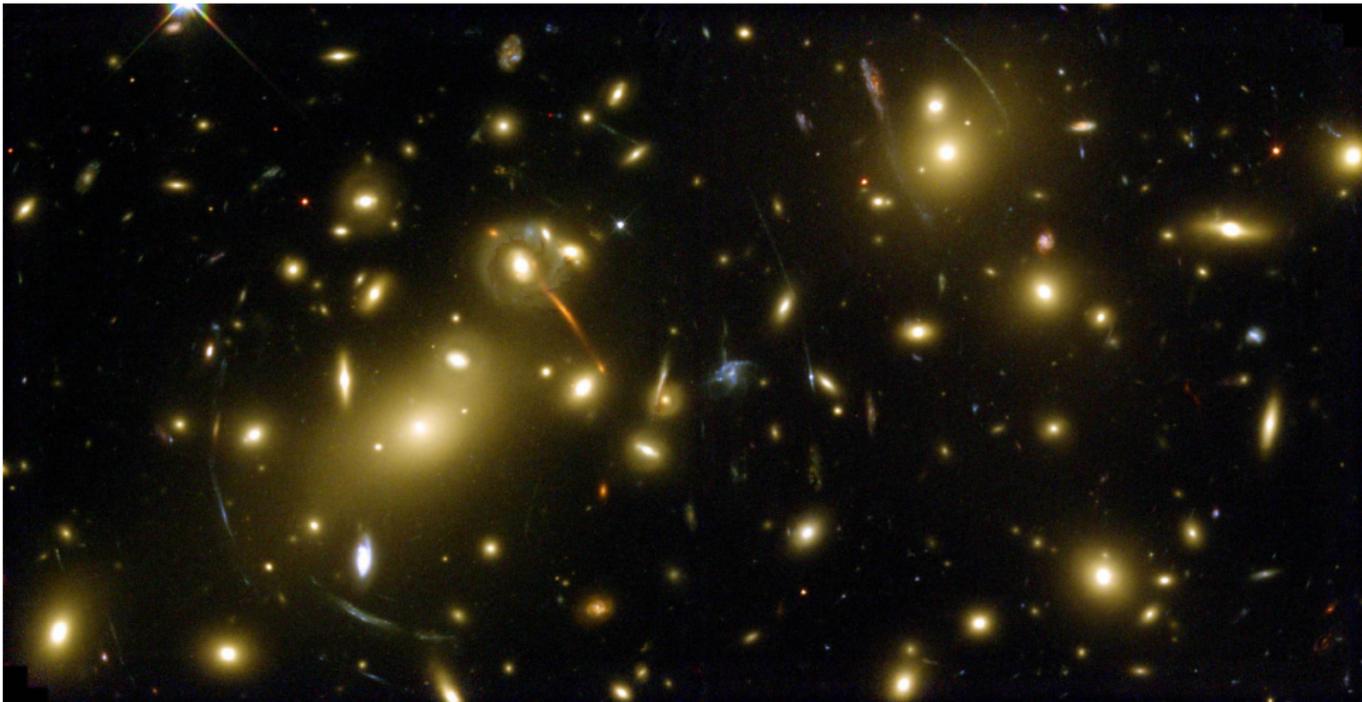
Dunkle Materie

► Indiz 1 – Rotationskurven von Galaxien:



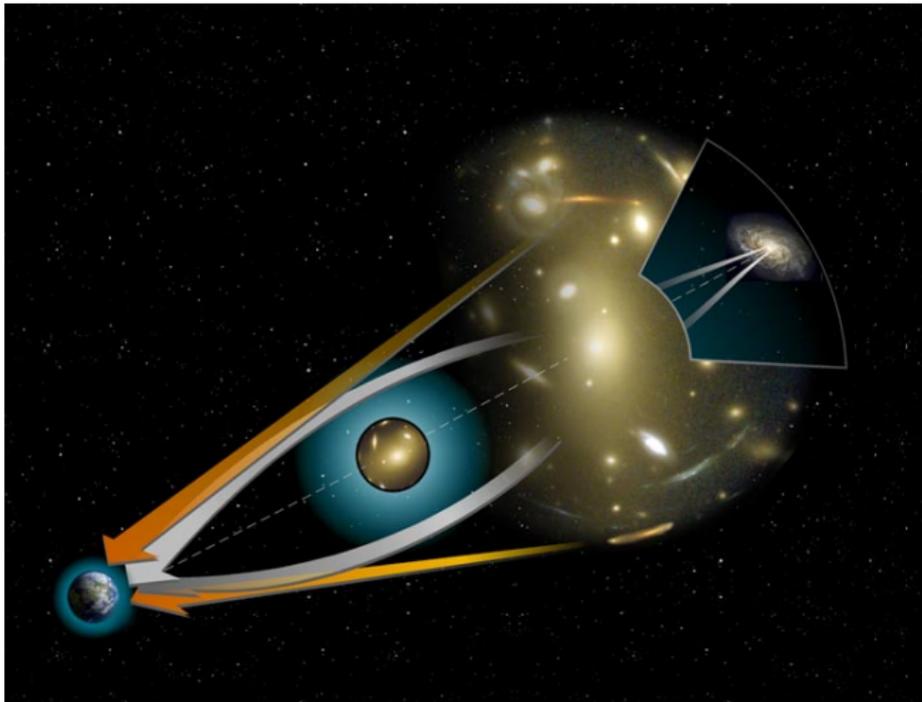
Dunkle Materie

- ▶ Indiz 2 – Graviationslinseneffekt:



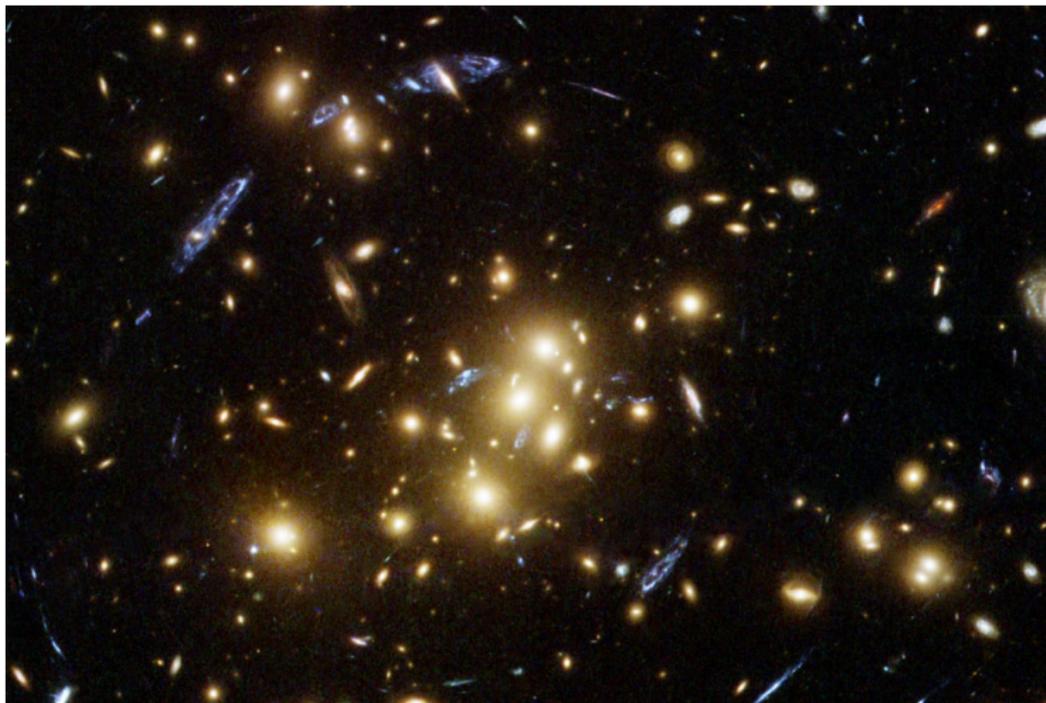
Dunkle Materie

- ▶ Indiz 2 – Graviationslinseneffekt:



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- ▶ Indiz 2 – Graviationslinseneffekt:



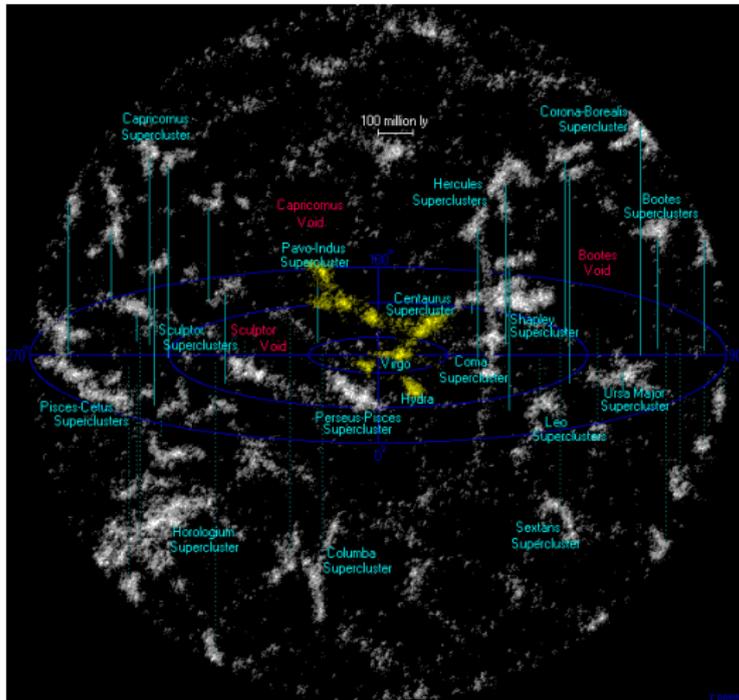
Dunkle Materie

- ▶ Indiz 2 – Graviationslinseneffekt:



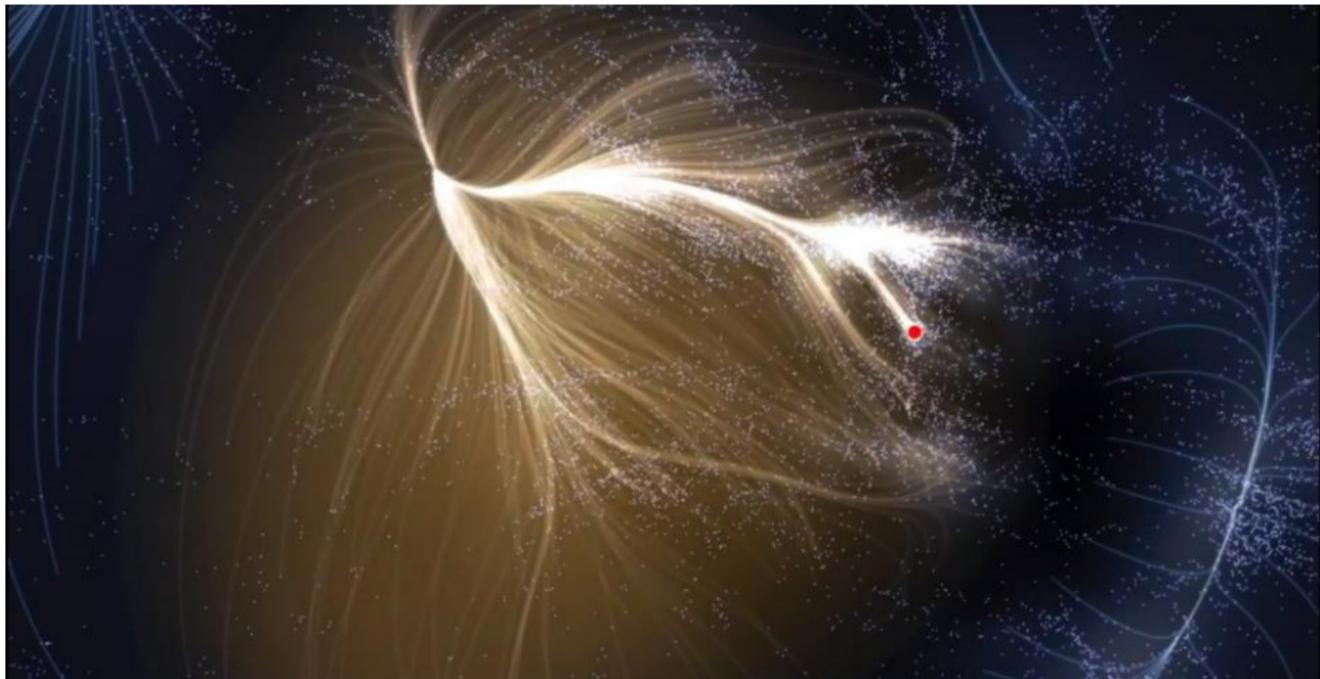
Dunkle Materie

► Indiz 3 – Strukturbildung im Universum:



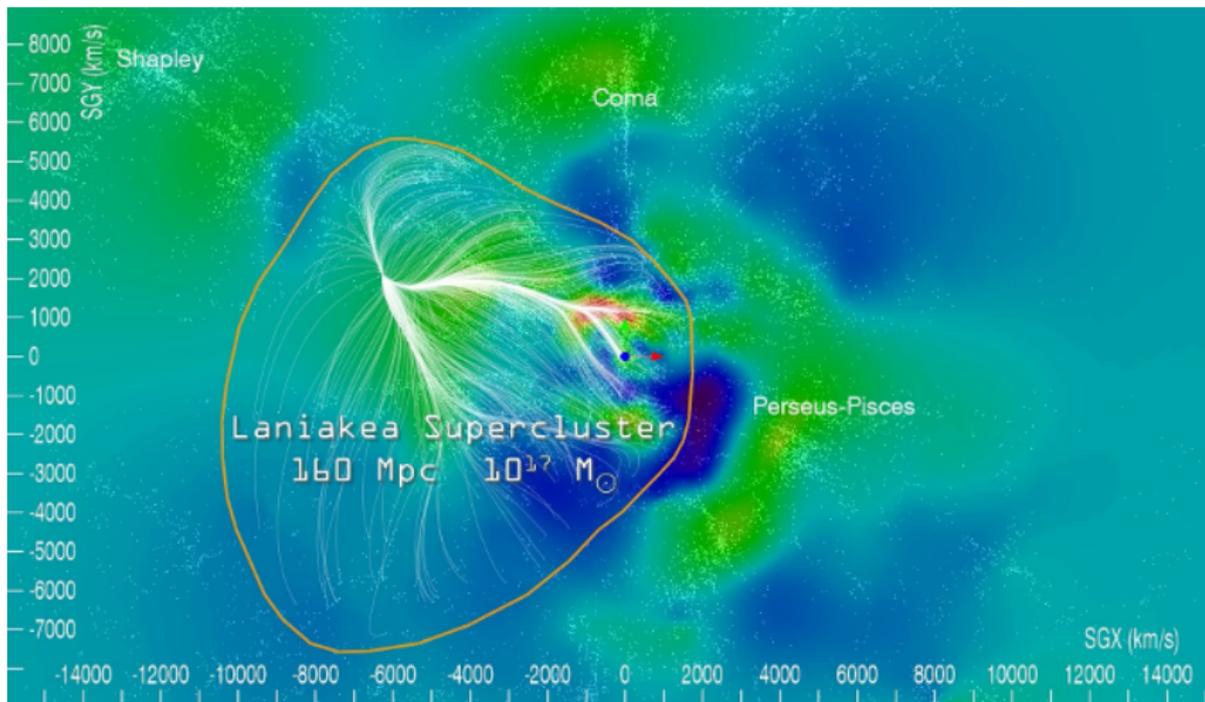
Dunkle Materie

- ▶ **Indiz 3** – Strukturbildung im Universum:



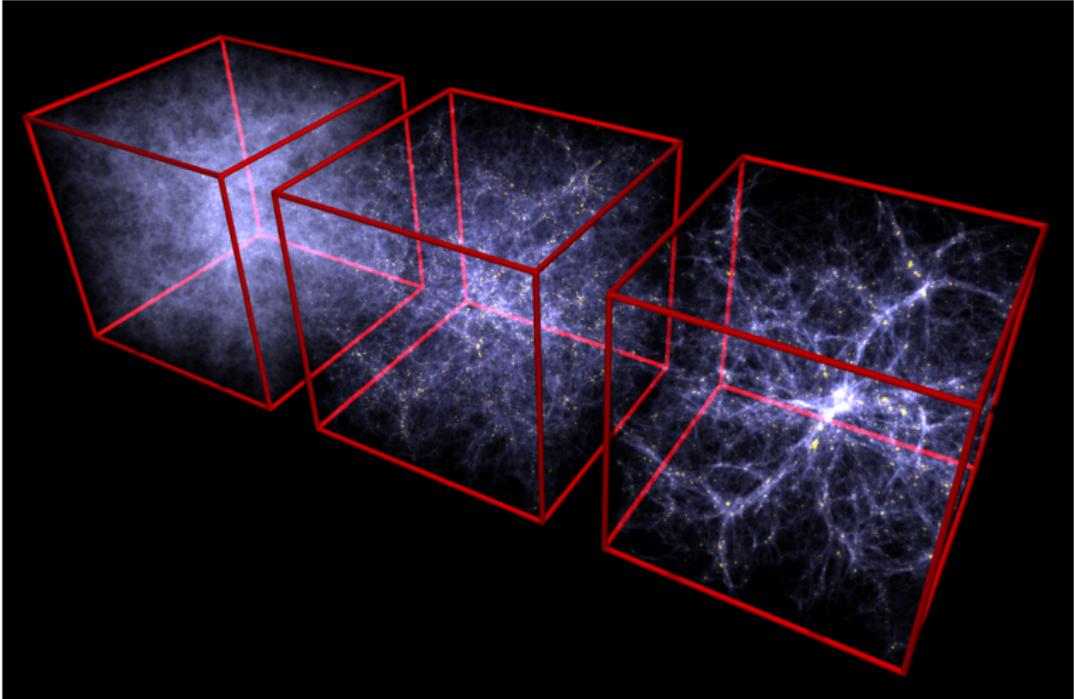
Dunkle Materie

- ▶ Indiz 3 – Strukturbildung im Universum:



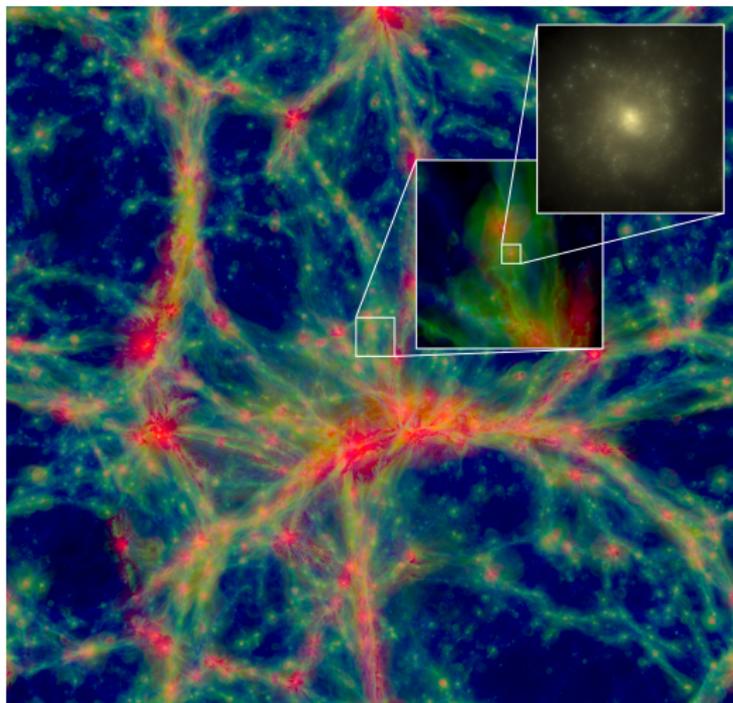
Dunkle Materie

- ▶ **Indiz 3** – Strukturbildung im Universum:



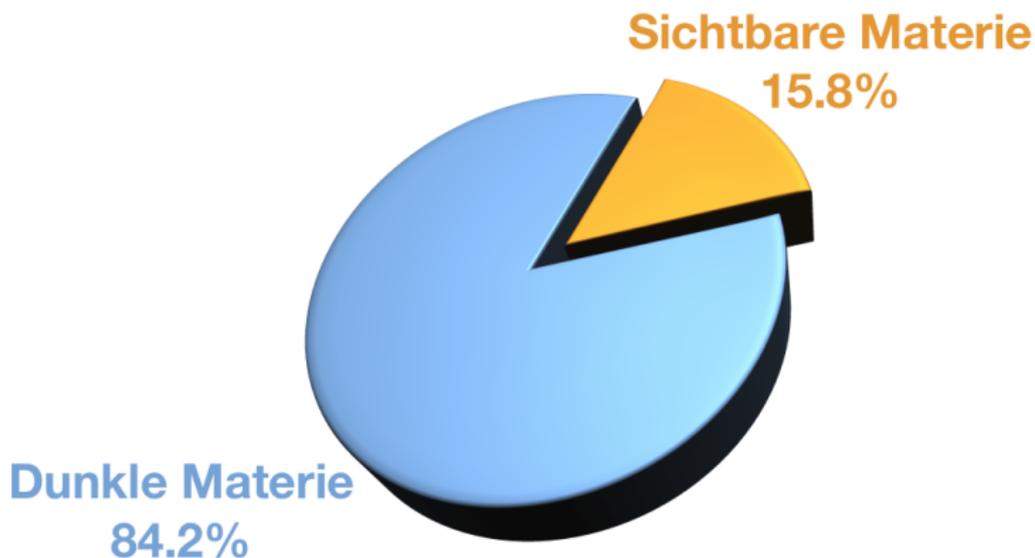
Dunkle Materie

- ▶ **Indiz 3** – Strukturbildung im Universum:



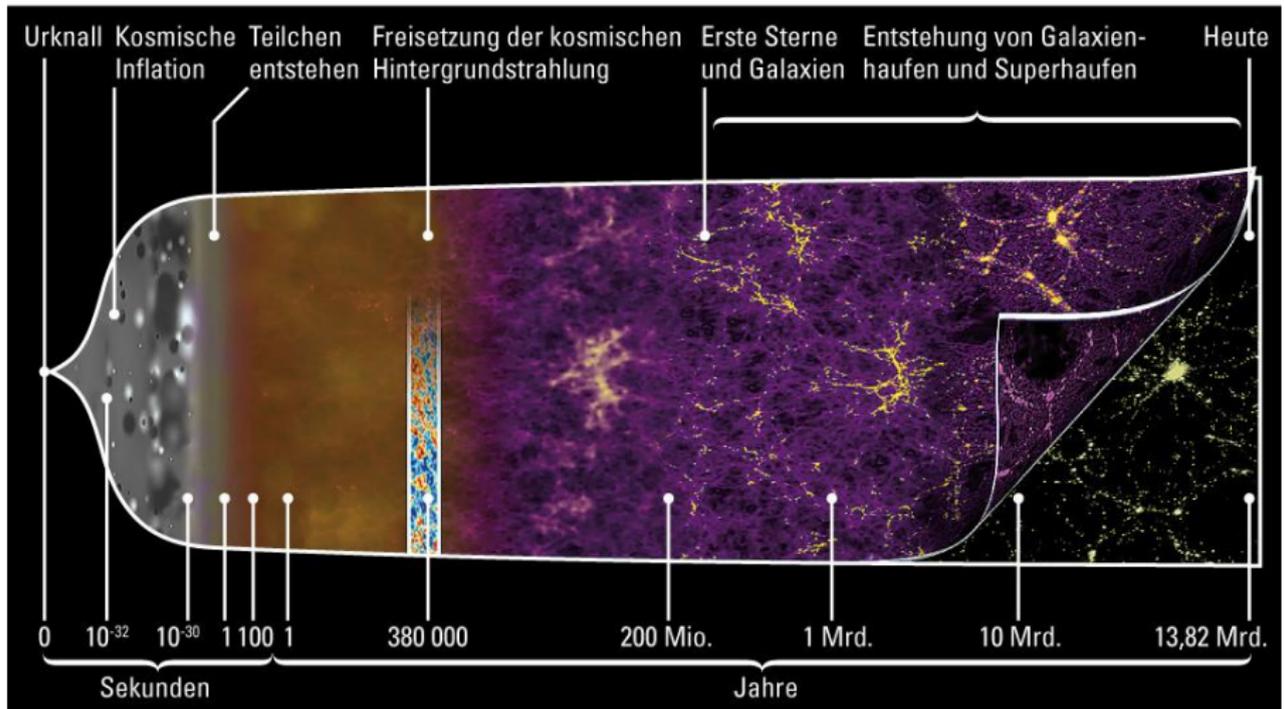
Dunkle Materie

- ▶ Anteil der dunklen Materie an der Gesamtmasse des Universums:



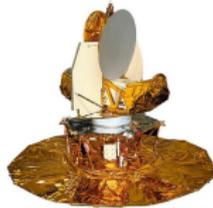
Kosmische Hintergrundstrahlung

- ▶ Blick ins Universum ist ein Blick zurück in der Zeit:

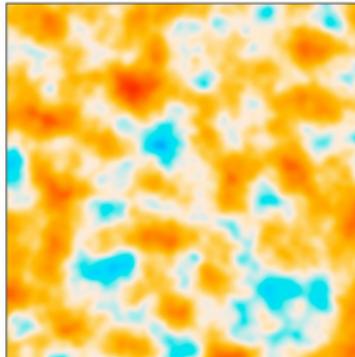


Kosmische Hintergrundstrahlung

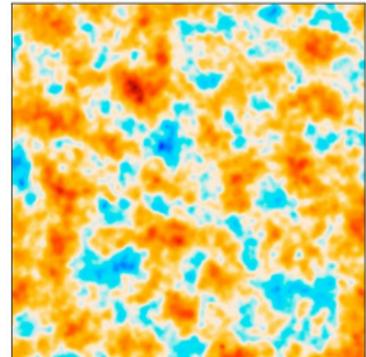
- ▶ Temperatur der Strahlung im Mikrowellenbereich:



COBE



WMAP



Planck