Universität Siegen / TP1 Theoretical Particle Physics / CPPS Center for Particle Physics Siegen

# Unsere Eiskarte

SUBATOMIC HEROES

## Charming Flavour

## Zutaten

Up, Charm, Top, Down, Strange, Beauty

Antiteilchen →

## Baryonen

| | | | |
|---|---|---|---|
| Proton ($p^+$): | Up | Up | Down |
| Neutron ($n$): | Up | Down | Down |
| Lambda ($\Lambda^0$): | Up | Down | Strange |
| Lambda ($\Lambda_c$): | Up | Down | Charm |
| Sigma ($\Sigma_c^{++}$): | Up | Up | Charm |
| Xi ($\Xi_c^+$): | Up | Strange | Charm |
| Lambda ($\Lambda_b$): | Up | Down | Beauty |
| Sigma ($\Sigma_b^-$): | Down | Down | Beauty |
| Xi ($\Xi_b^0$): | Up | Strange | Beauty |
| Omega ($\Omega^-$): | Strange | Strange | Strange |
| Omega ($\Omega_{cc}^+$): | Strange | Charm | Charm |

## Mesonen

| | | |
|---|---|---|
| Kaon ($K^+$): | Up | Strange |
| Kaon ($K^0$): | Down | Strange |
| D-Meson ($D^+$): | Charm | Down |
| D-Meson ($D^0$): | Charm | Up |
| D-Meson ($D_s^+$): | Charm | Strange |
| J/Psi ($J/\psi$): | Charm | Charm |
| B-Meson ($B^+$): | Up | Beauty |
| B-Meson ($B^0$): | Down | Beauty |
| B-Meson ($B_s^0$): | Strange | Beauty |
| B-Meson ($B_c^+$): | Charm | Beauty |
| Upsilon ($\Upsilon$): | Beauty | Beauty |