Purely flavor-changing Z' bosons

No explanation for flavor structure of the Standard Model

- ▶ horizontal/gauged flavor group G_H ?
- extra flavor-changing Z' (as remnant from breaking of G_H)
- Comprehensive study of collider and flavor constraints
- **Explanation of** $(g-2)_{\mu}$ and $au o \mu ar{
 u}
 u$ anomaly
- New exotic decay $au o \ell \ K^{0,\pm} \, \pi^{0,\mp}$





