

mean time cell resolution [ns]

0.05

0.04

0.03

0.02

0.01

a [ns•pC]  $3.64956 \pm 0.129965$

b [ns•pC<sup>0.5</sup>]  $0.0603274 \pm 0.103952$

c [ns]  $0.0137814 \pm 0.00138919$

400

600

800

1000

1200

1400

$N_{pe}$

50

100

150

200

250

mean SiPM charge [pC]