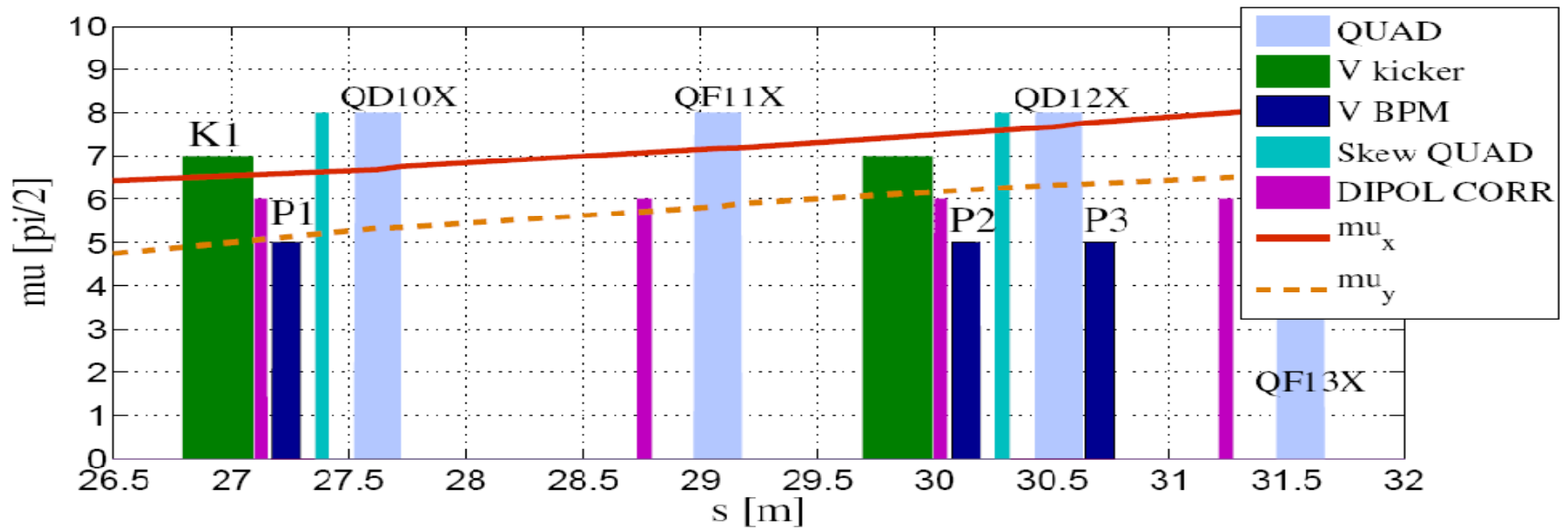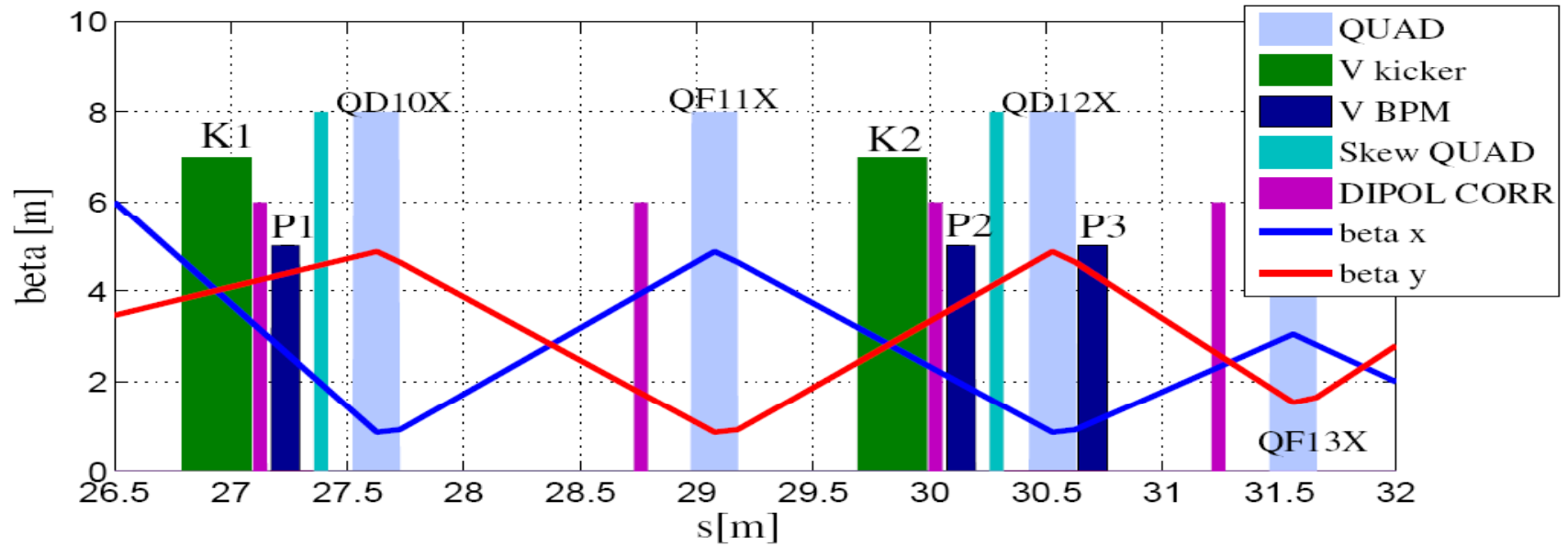# Review of element positions for FONT @ ATF2
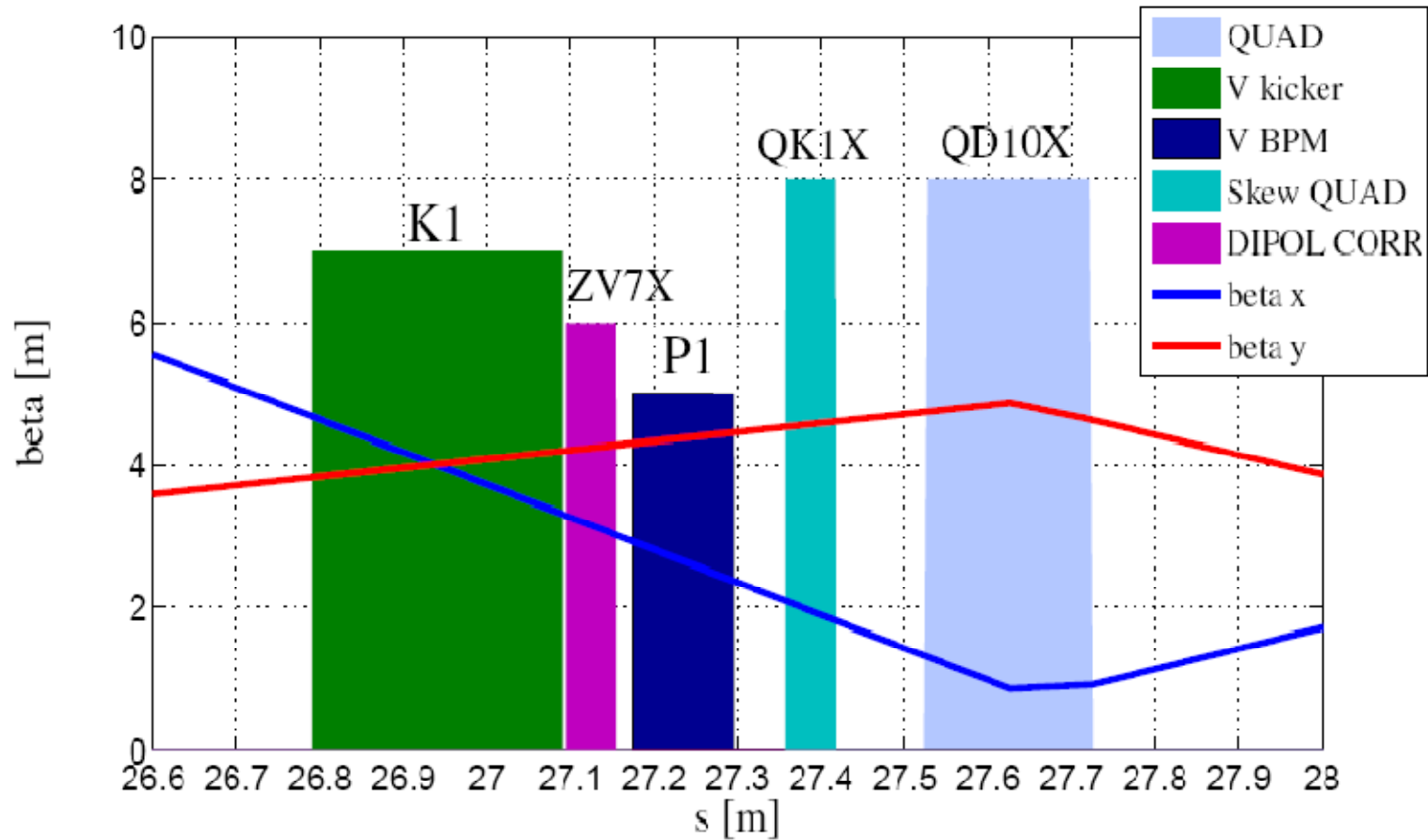
The FONT project group
(JAI, Oxford University &
ASTeC, Daresbury)

Design of FONT at ATF2

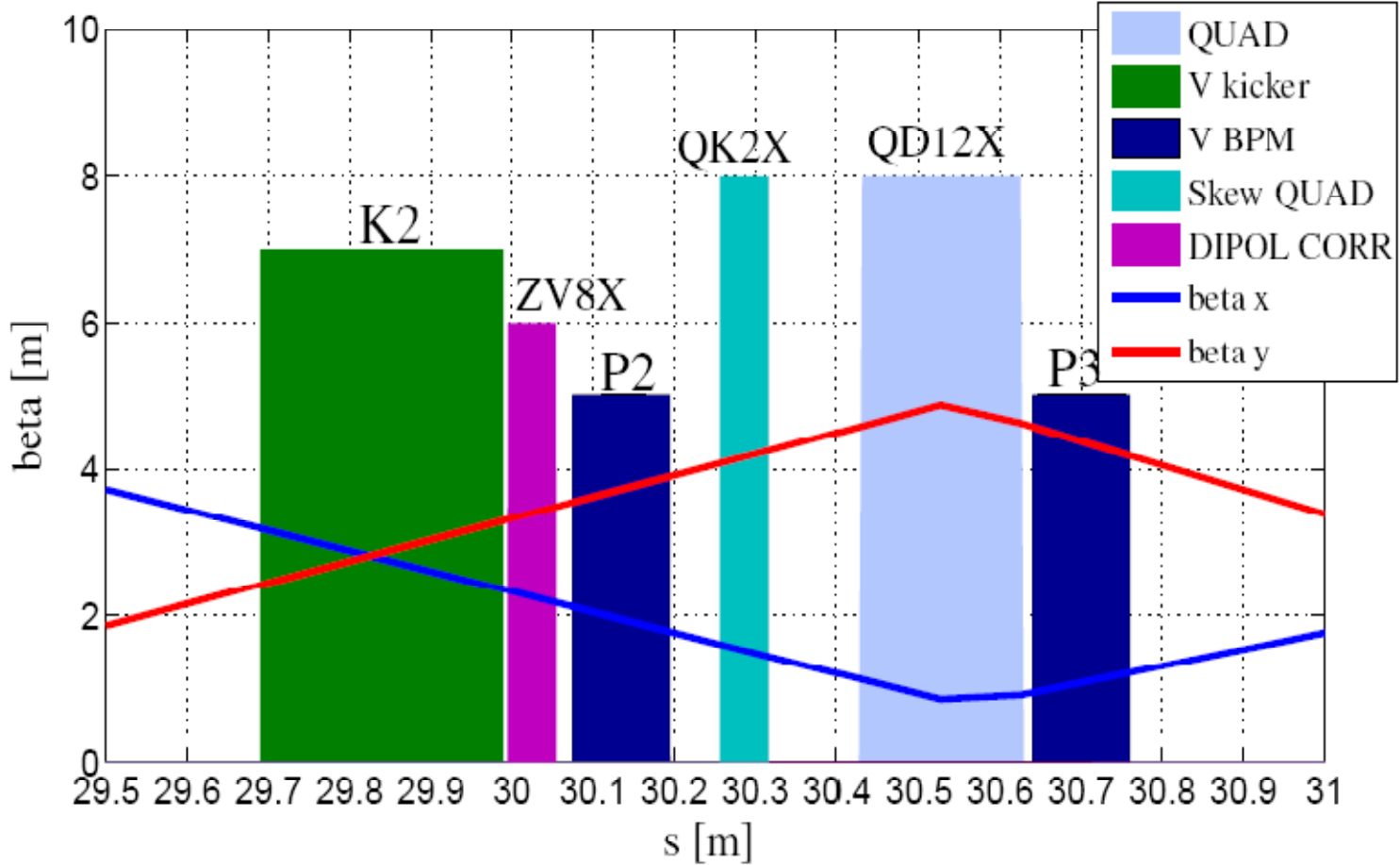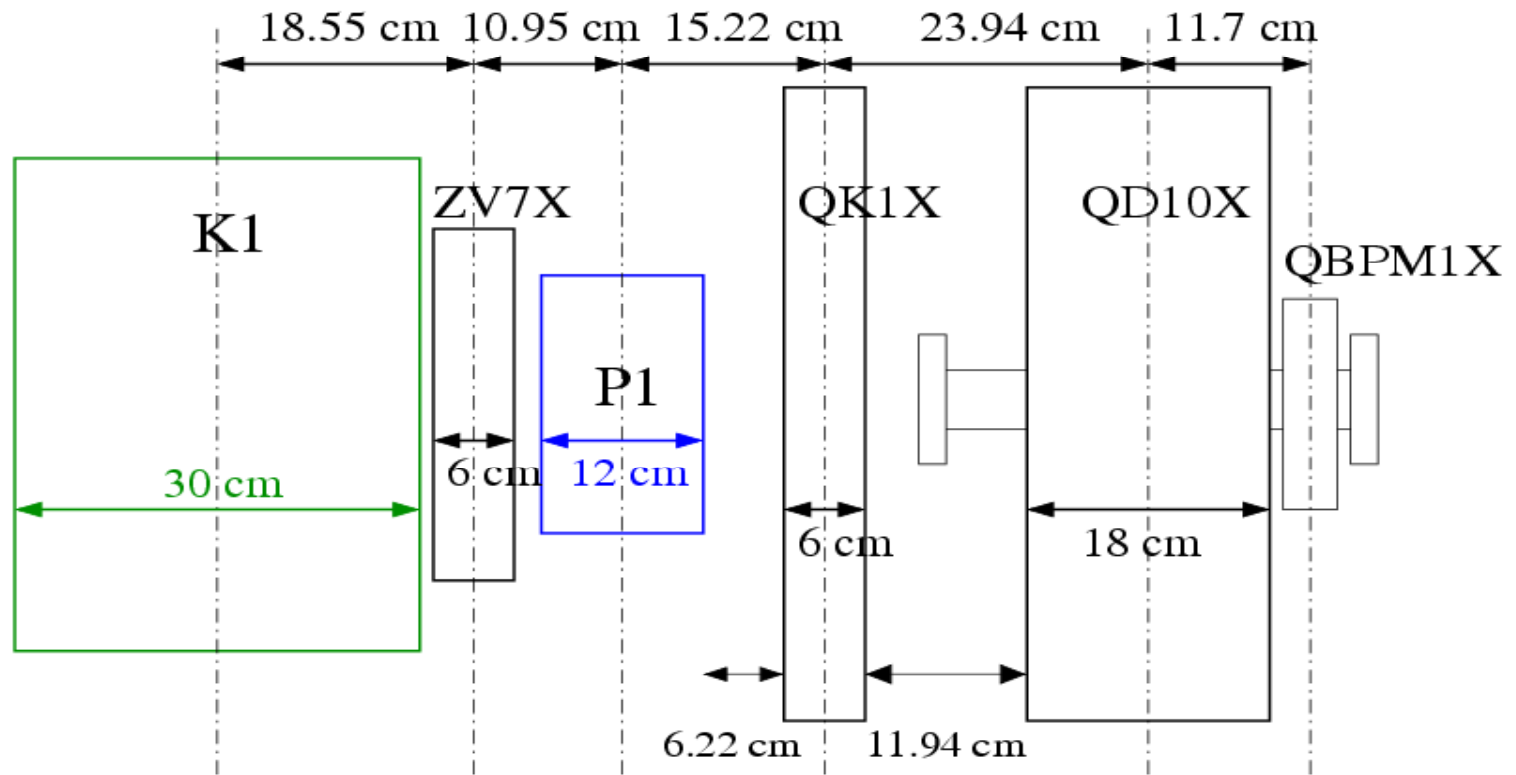# Design of FONT at ATF2

Kicker K1 & BPM P1
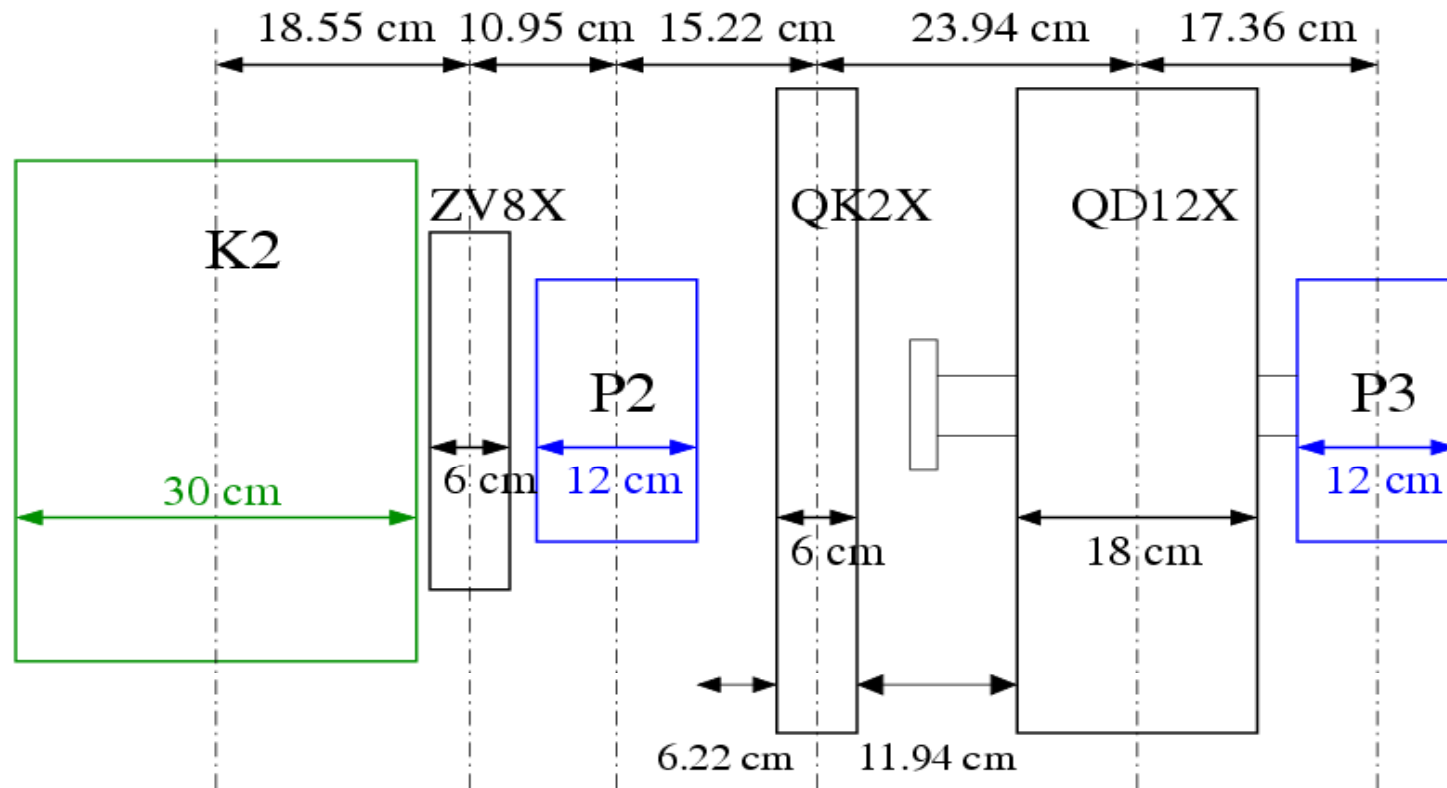
Design of FONT at ATF2

Kicker K2, BPMs P2 & P3

Schematic of the lattice
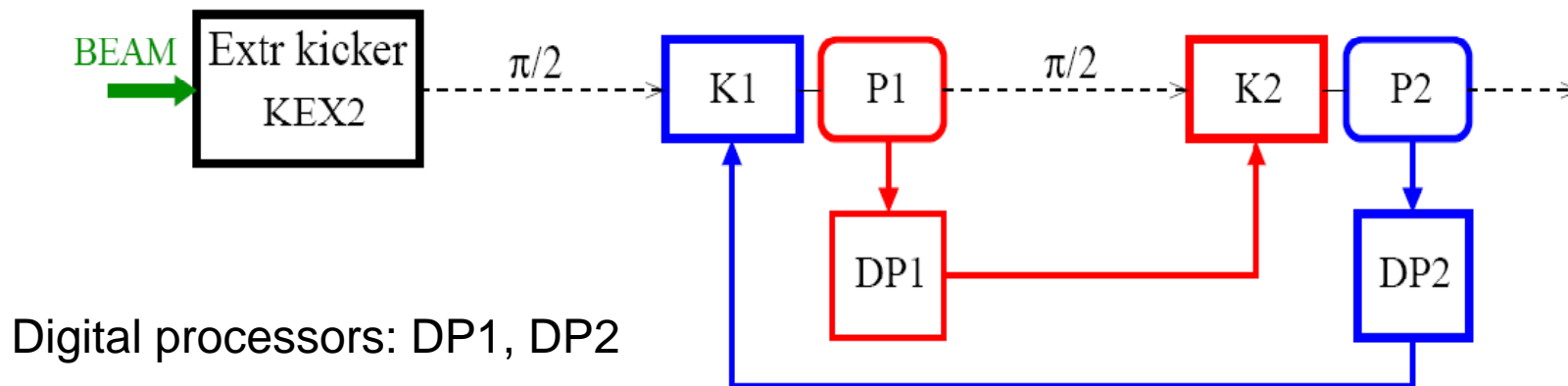
Schematic of the lattice

FB correction algorithms

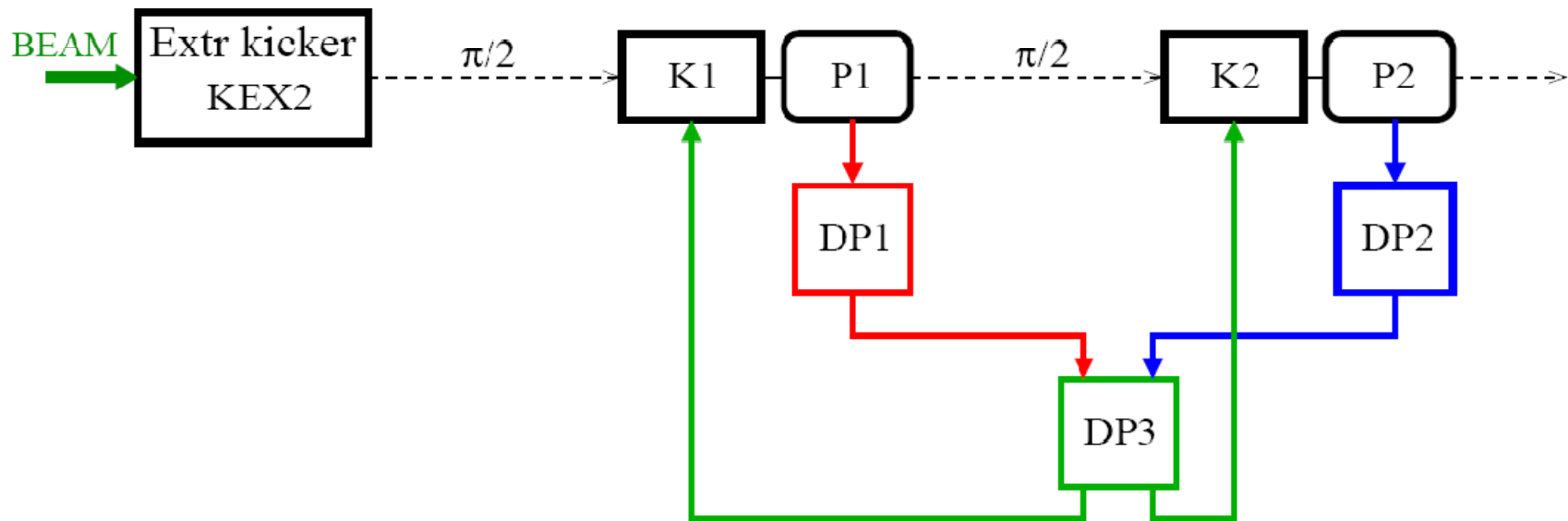FF and FB using the same kicker and BPM pairs. Interesting test option!

Pilot bunch algorithm: all bunches in a train are corrected using the same FB
signal obtained from the first, pilot bunch

Two parallel FB systems for independent correction for angle and position

Digital processors: DP1, DP2

FB correction algorithms

Schematic for coupled angle and position correction

Adding different weights for simultaneous angle and position correction