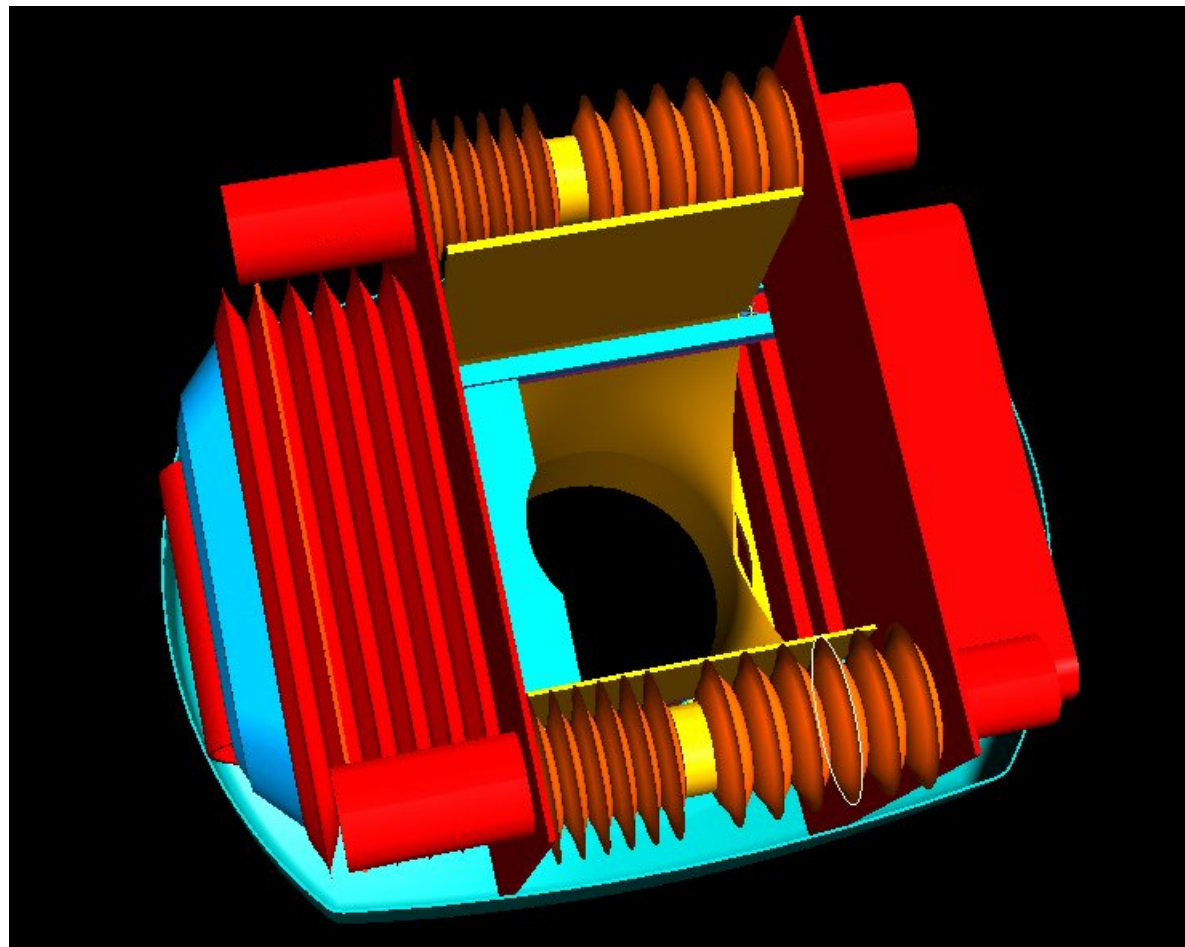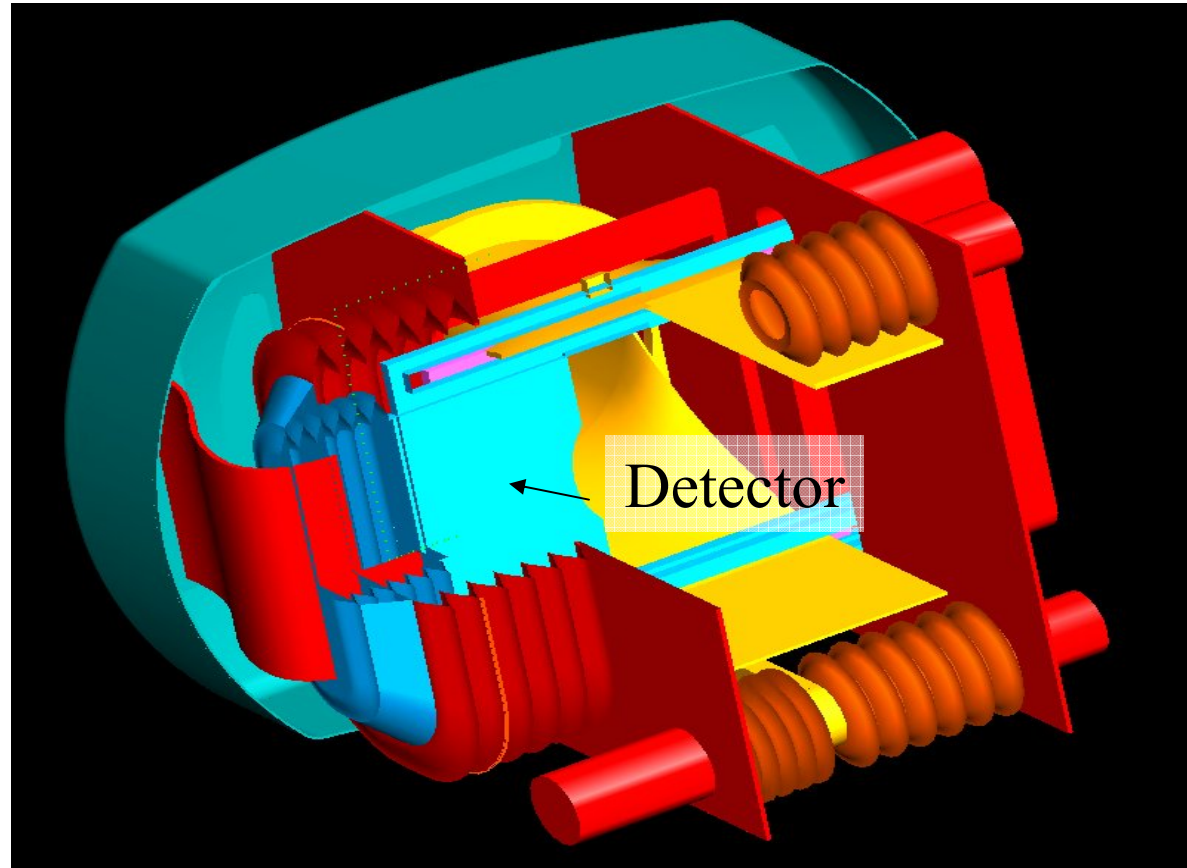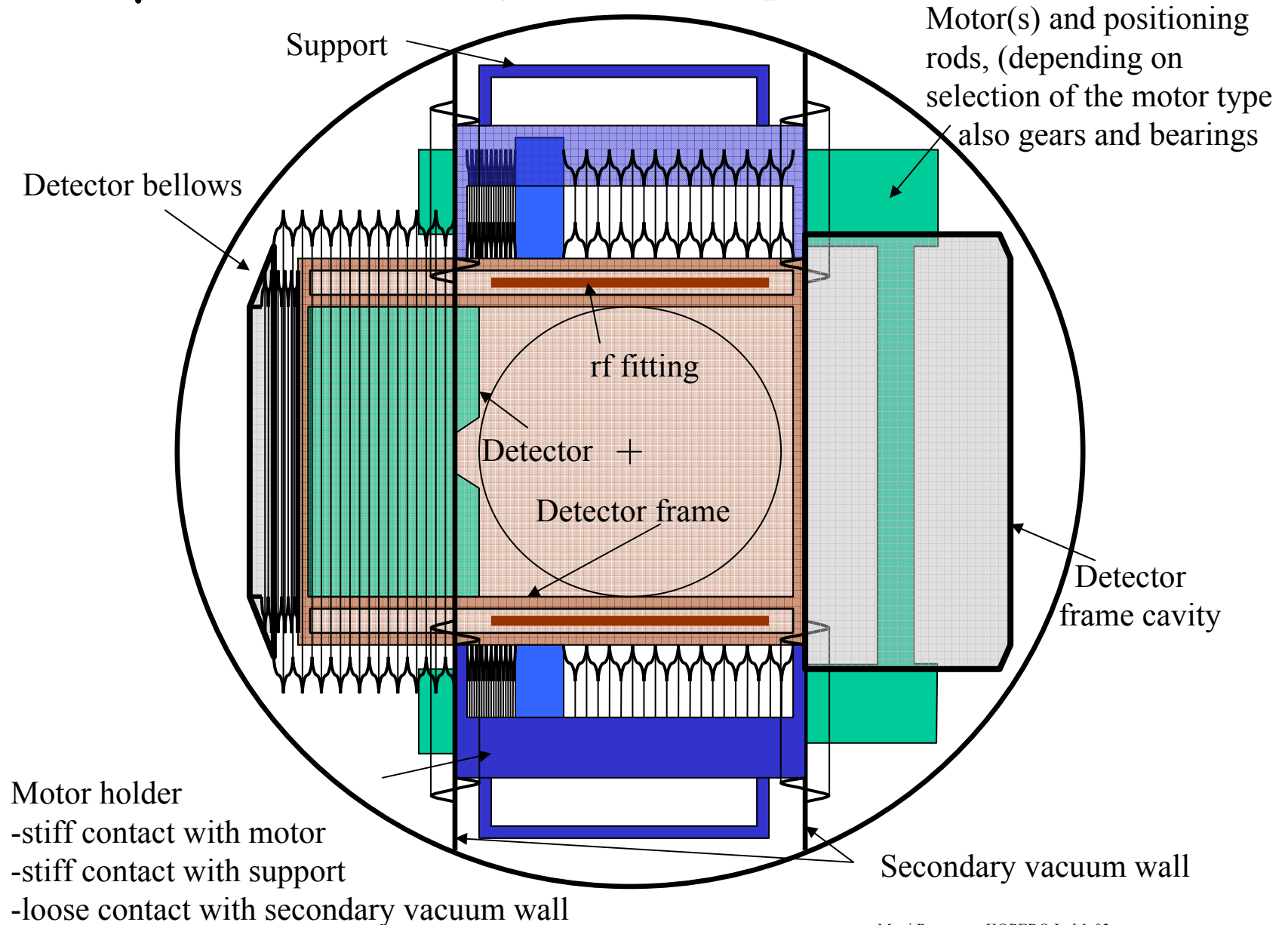# 2. μstation, Secondary Vacuum Implementation
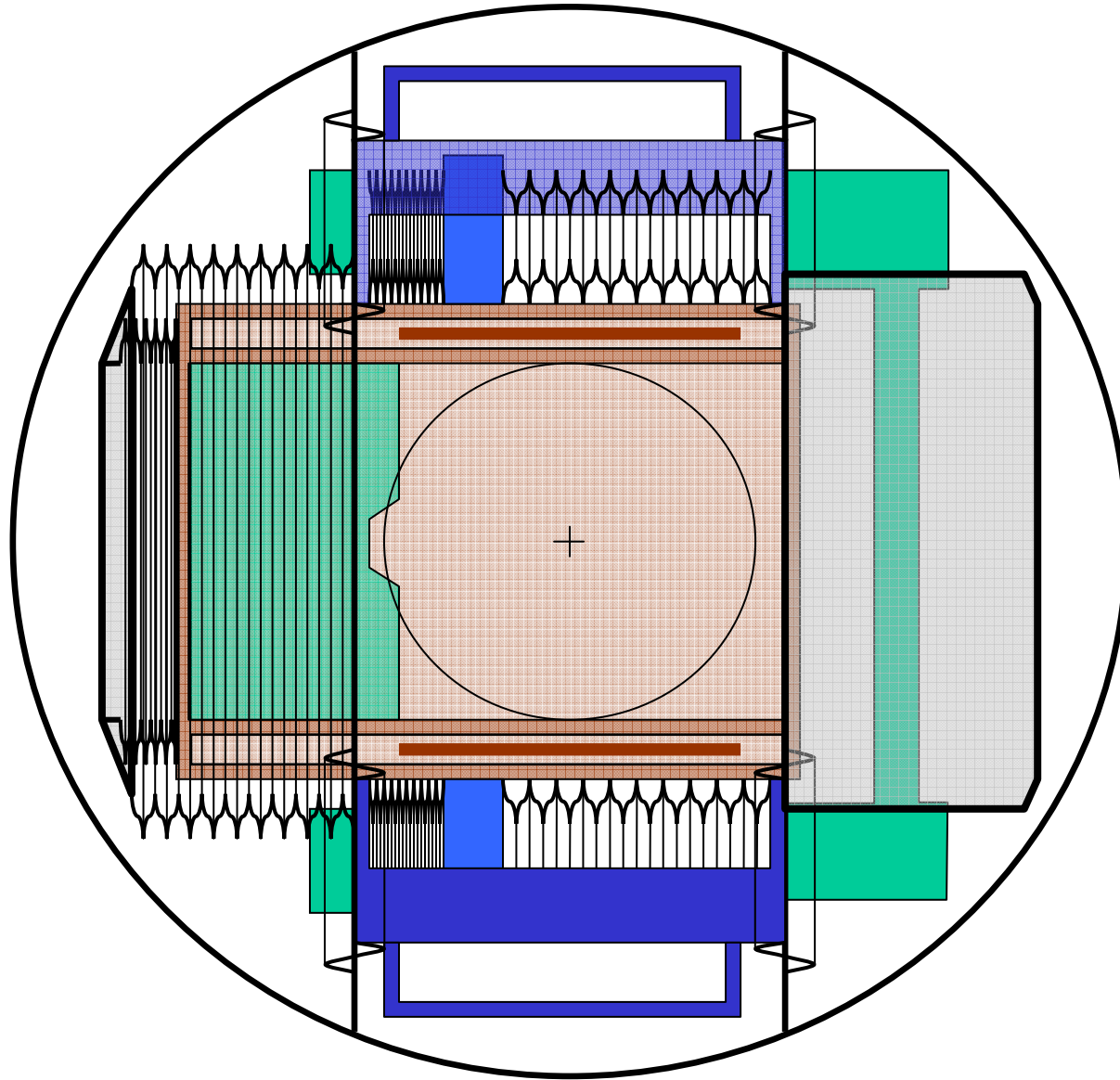
2. μstation, Secondary Vacuum Implementation

Detector

2. μstation, Secondary Vacuum Implementation

Beam vacuum

Secondary vacuum

2.1. μstation, Secondary Vacuum Implementation

Support

Motor(s) and positioning rods, (depending on selection of the motor type also gears and bearings

Detector bellows

rf fitting

Detector +

Detector frame

Detector frame cavity

Motor holder
-stiff contact with motor
-stiff contact with support
-loose contact with secondary vacuum wall

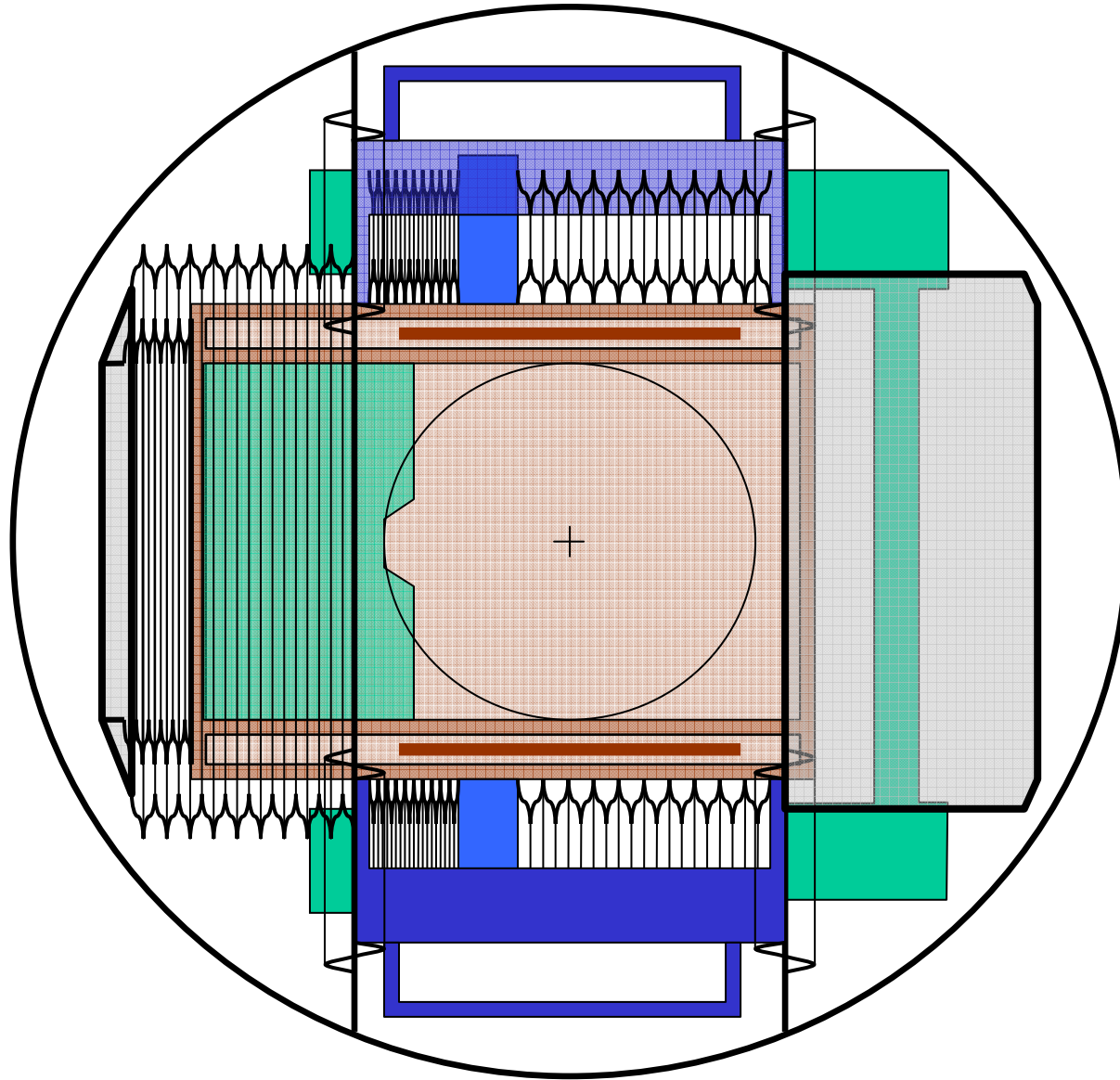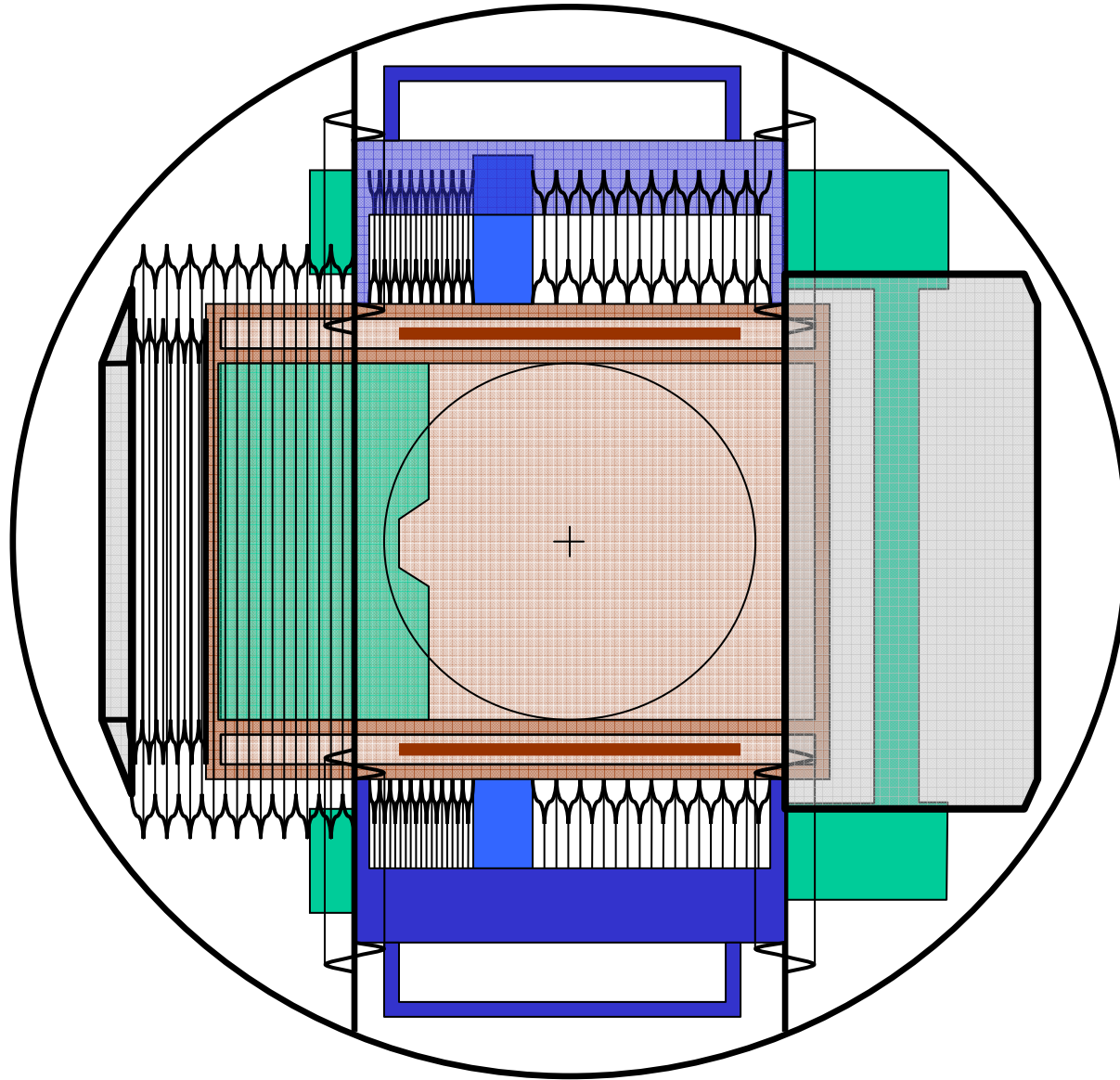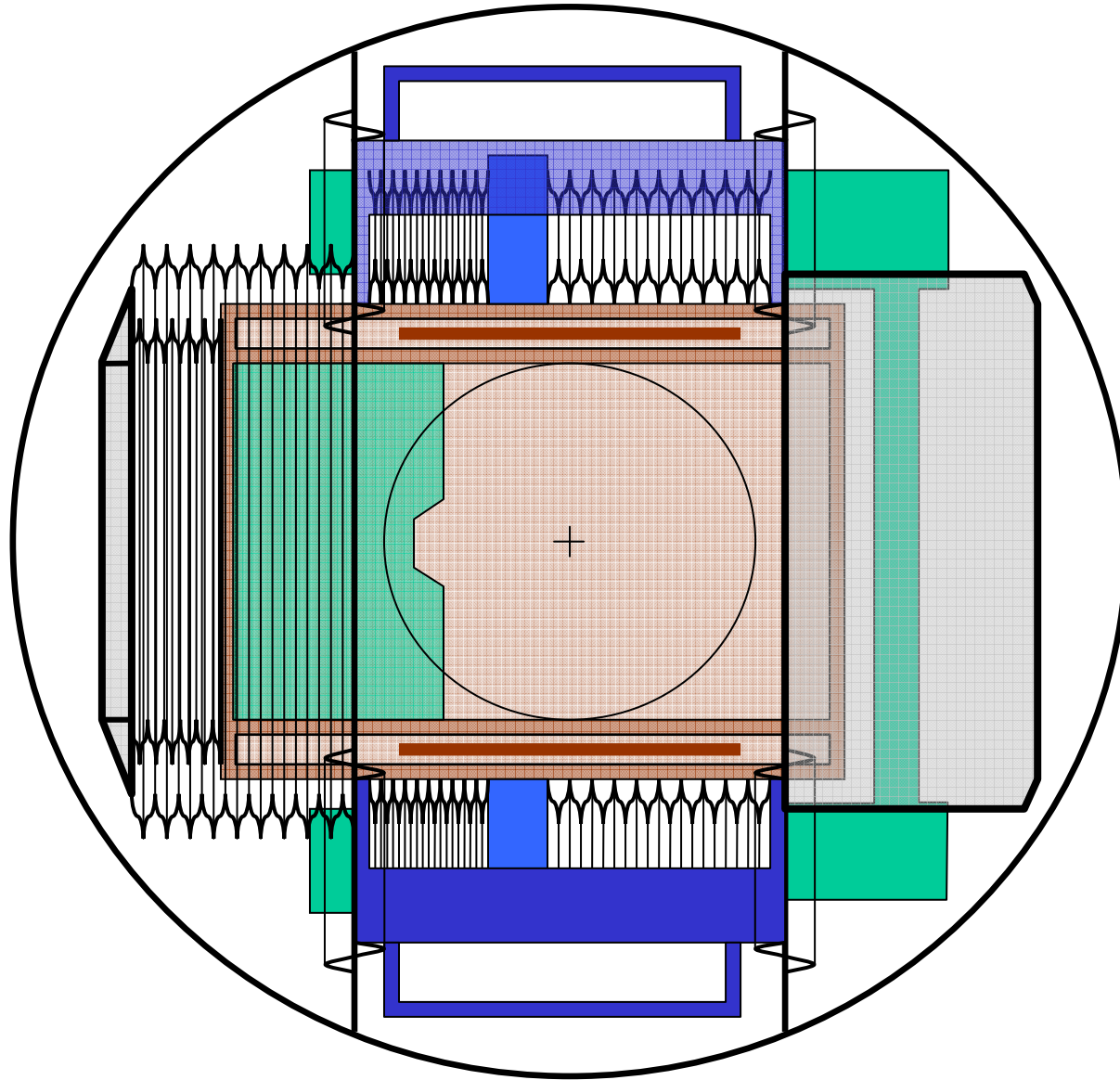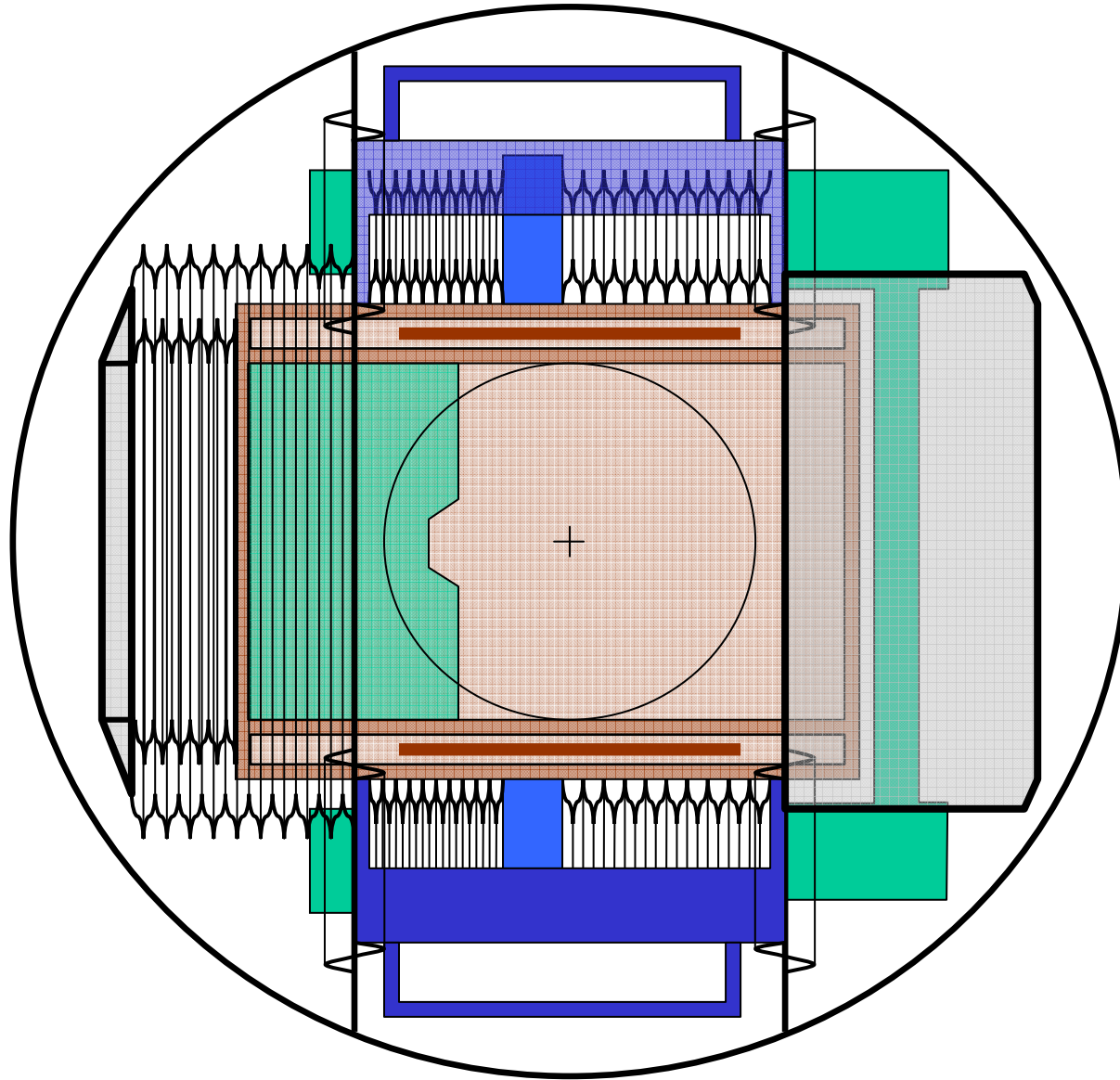Secondary vacuum wall
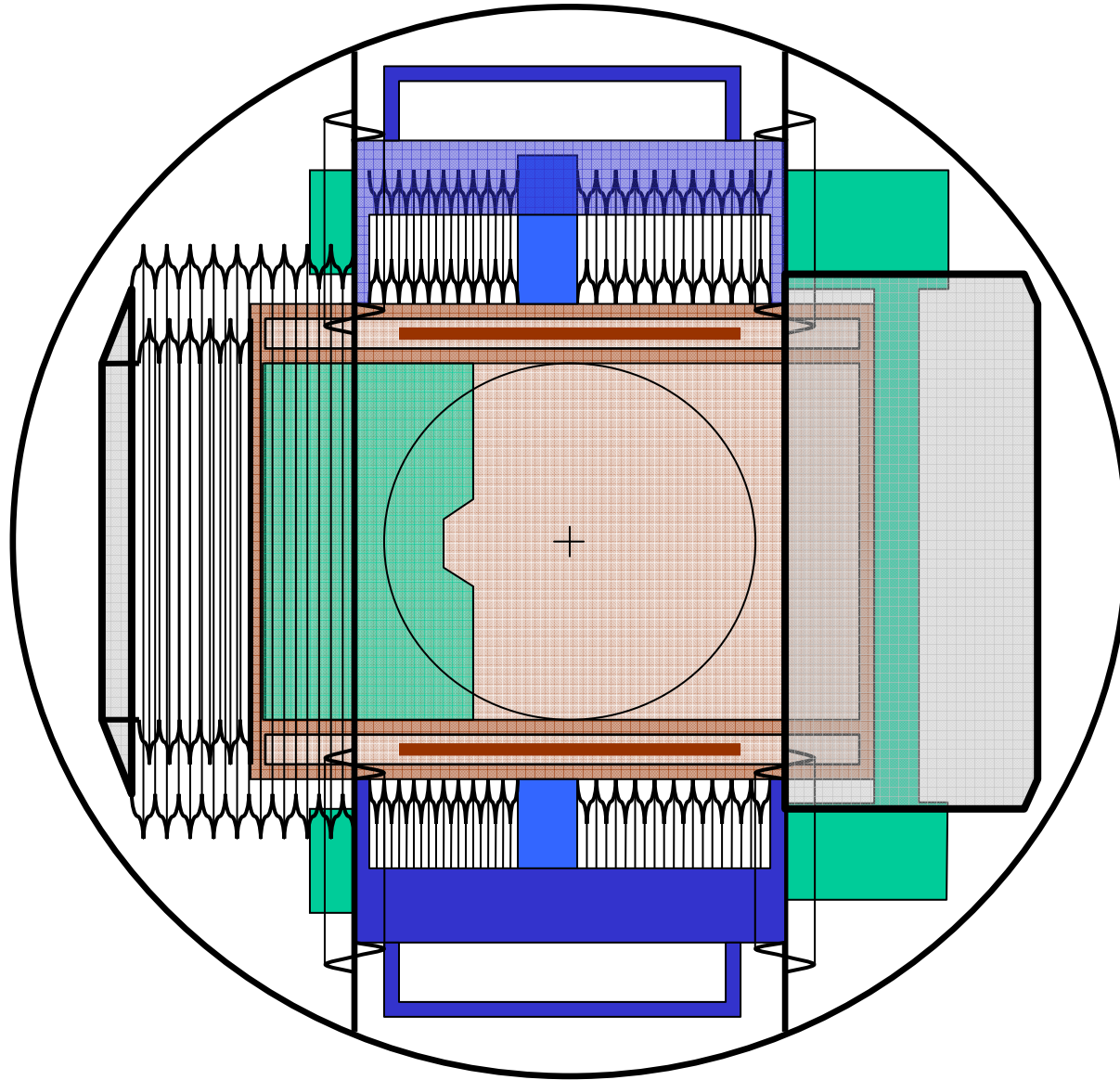
Matti Ryynänen KOPERO Ltd 1-03

2.1. μstation, Secondary Vacuum Implementation

2.1. μstation, Secondary Vacuum Implementation

2.1. μstation, Secondary Vacuum Implementation

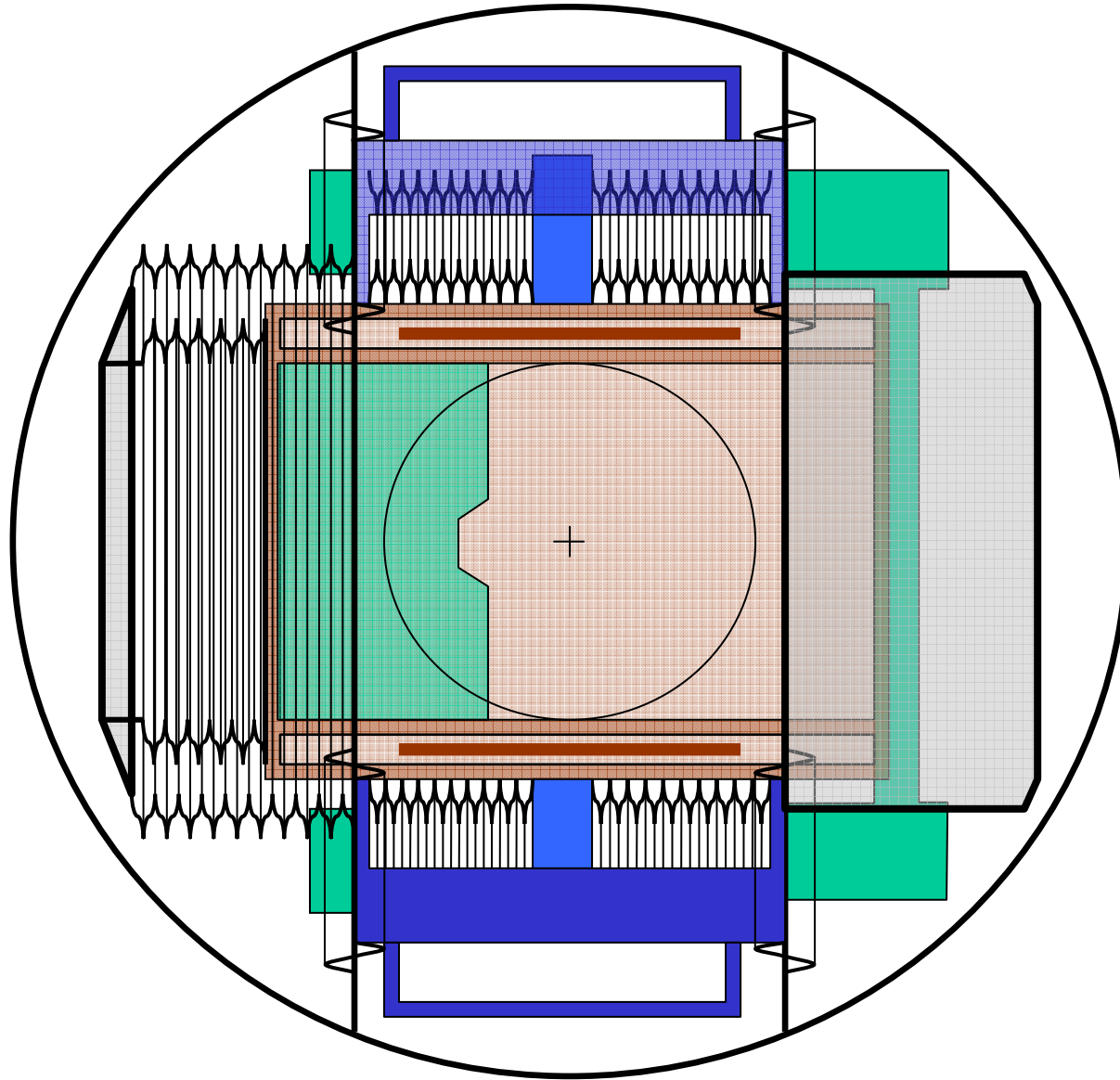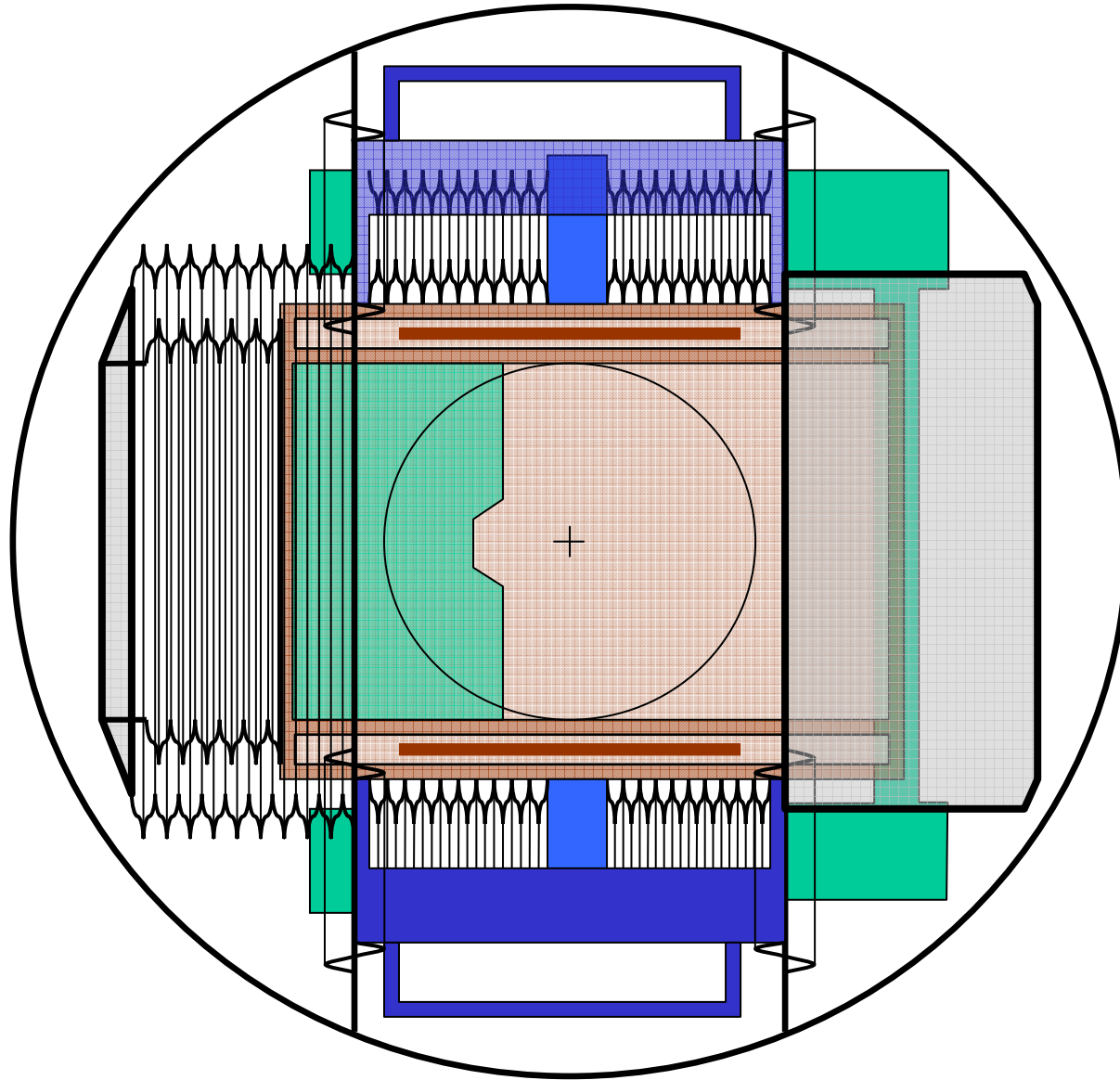# 2.1. µstation, Secondary Vacuum Implementation
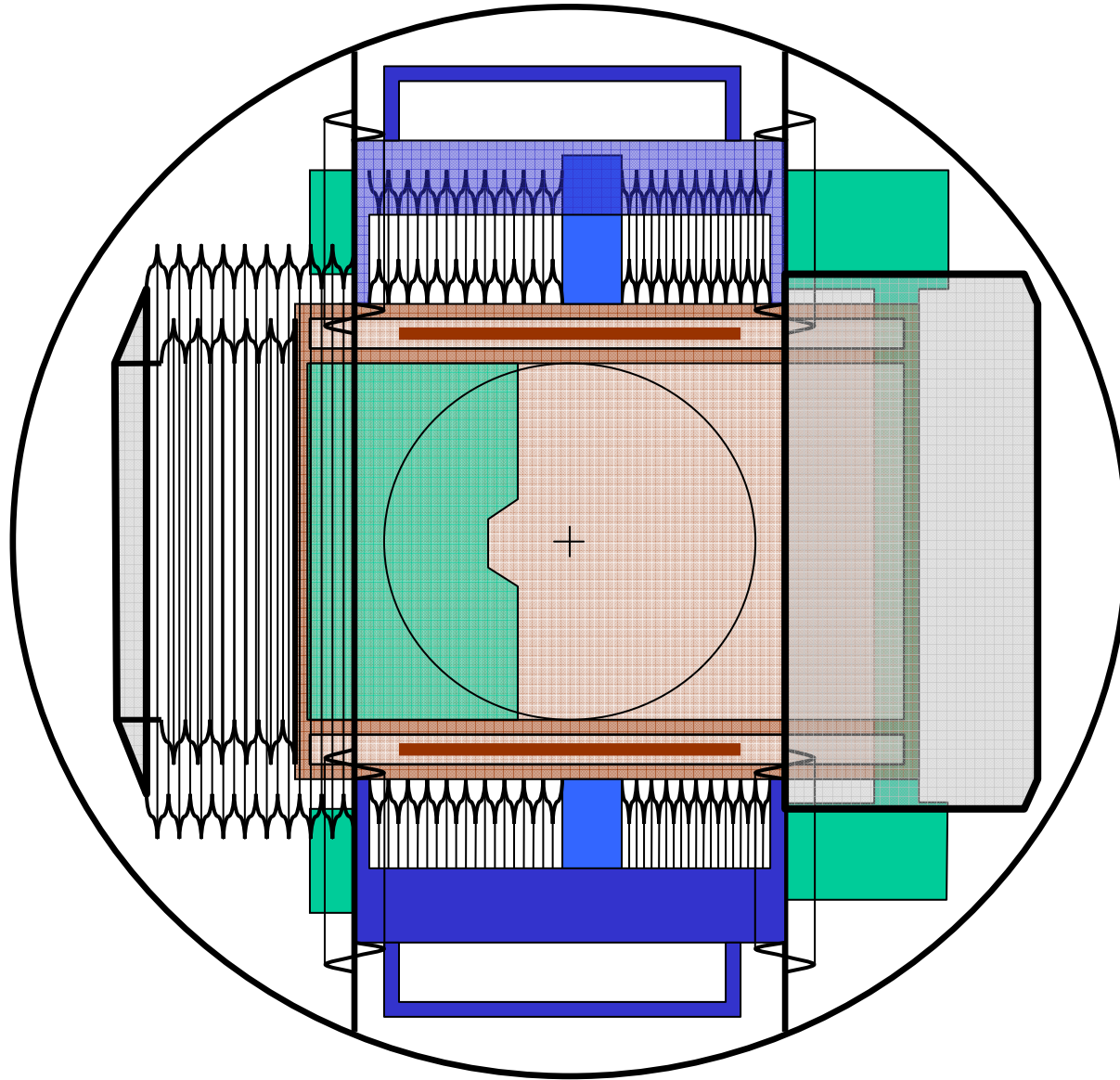
2.1. μstation, Secondary Vacuum Implementation

2.1. μstation, Secondary Vacuum Implementation

2.1. μstation, Secondary Vacuum Implementation

2.1. μstation, Secondary Vacuum Implementation
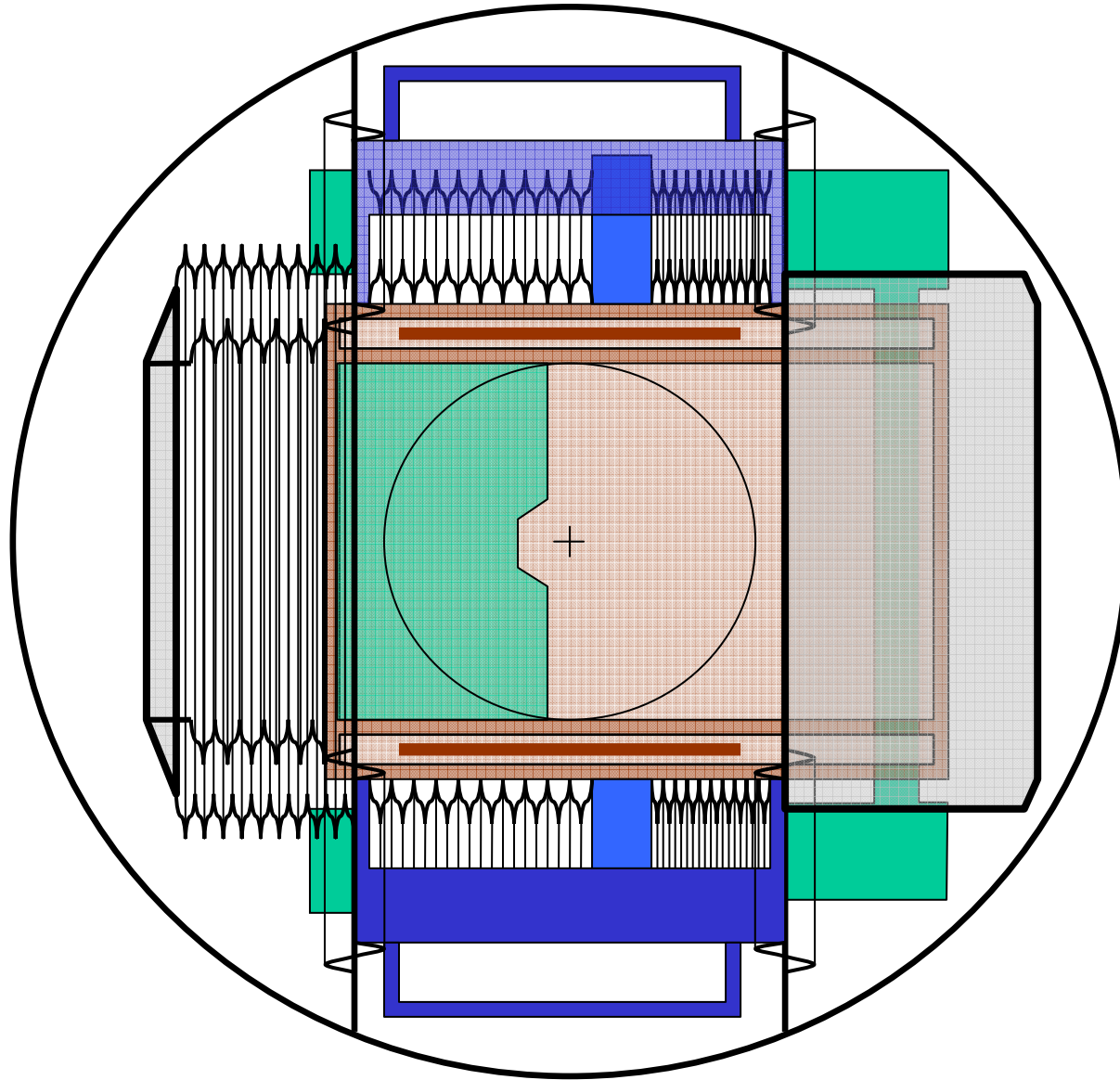
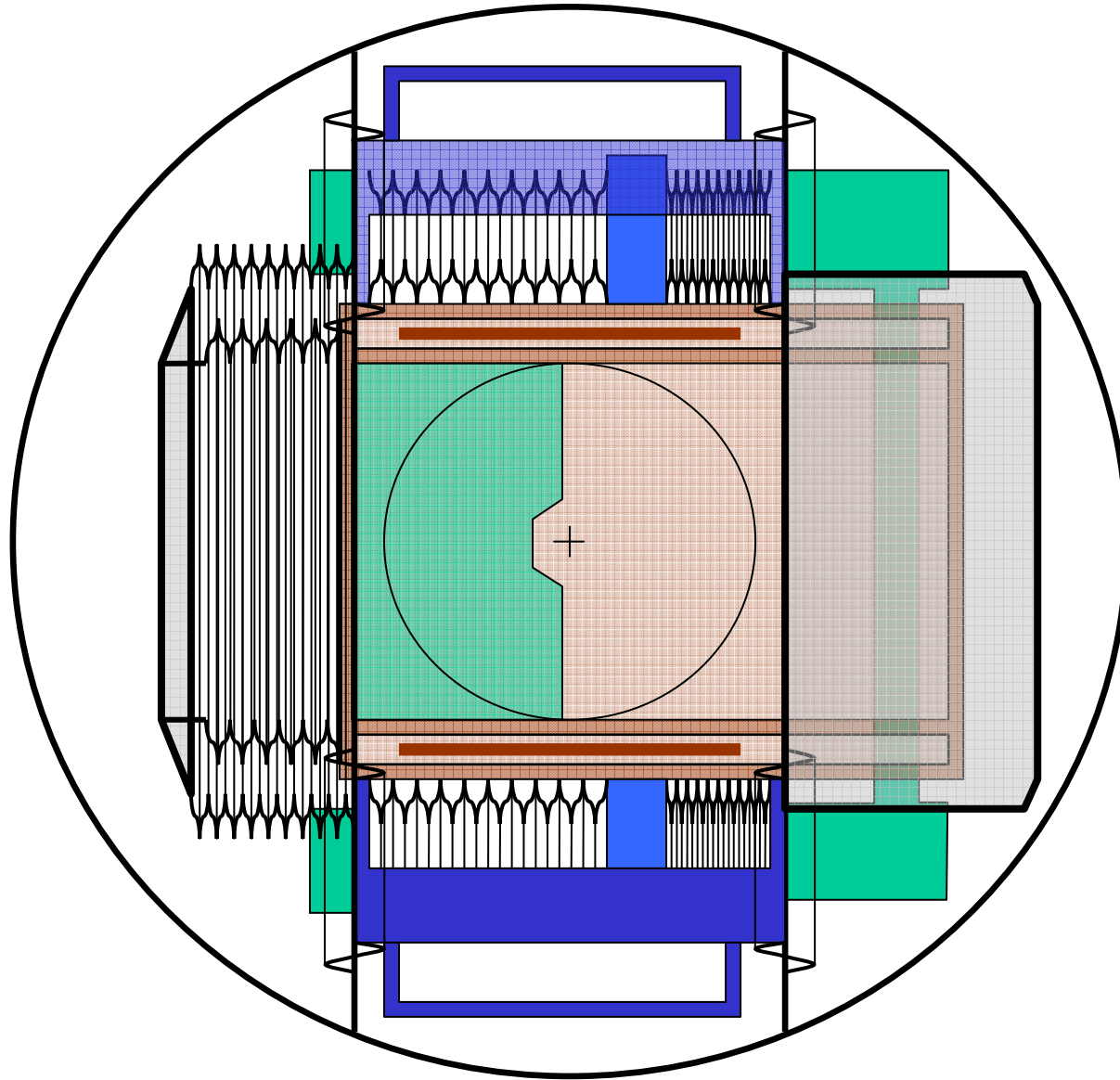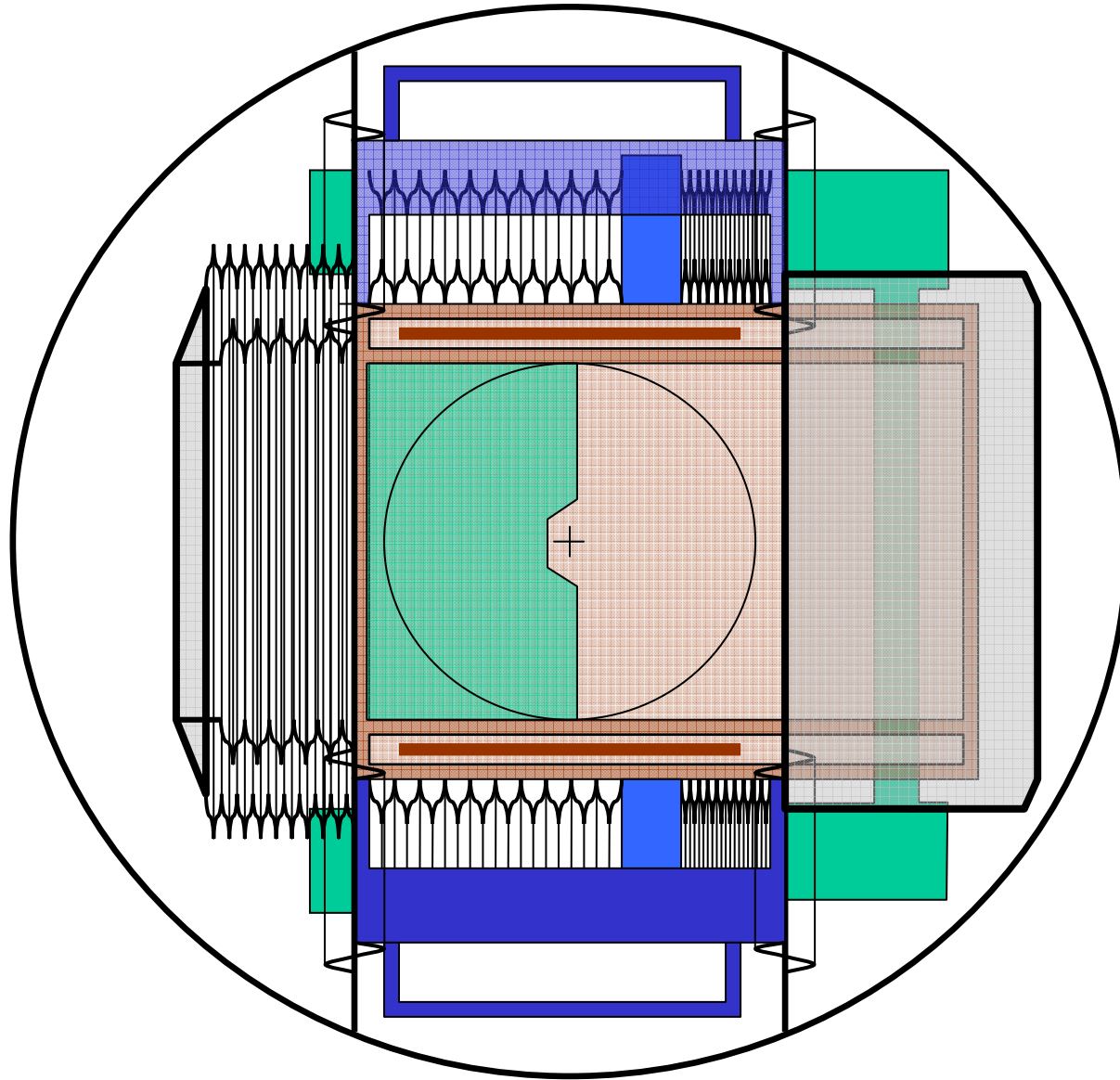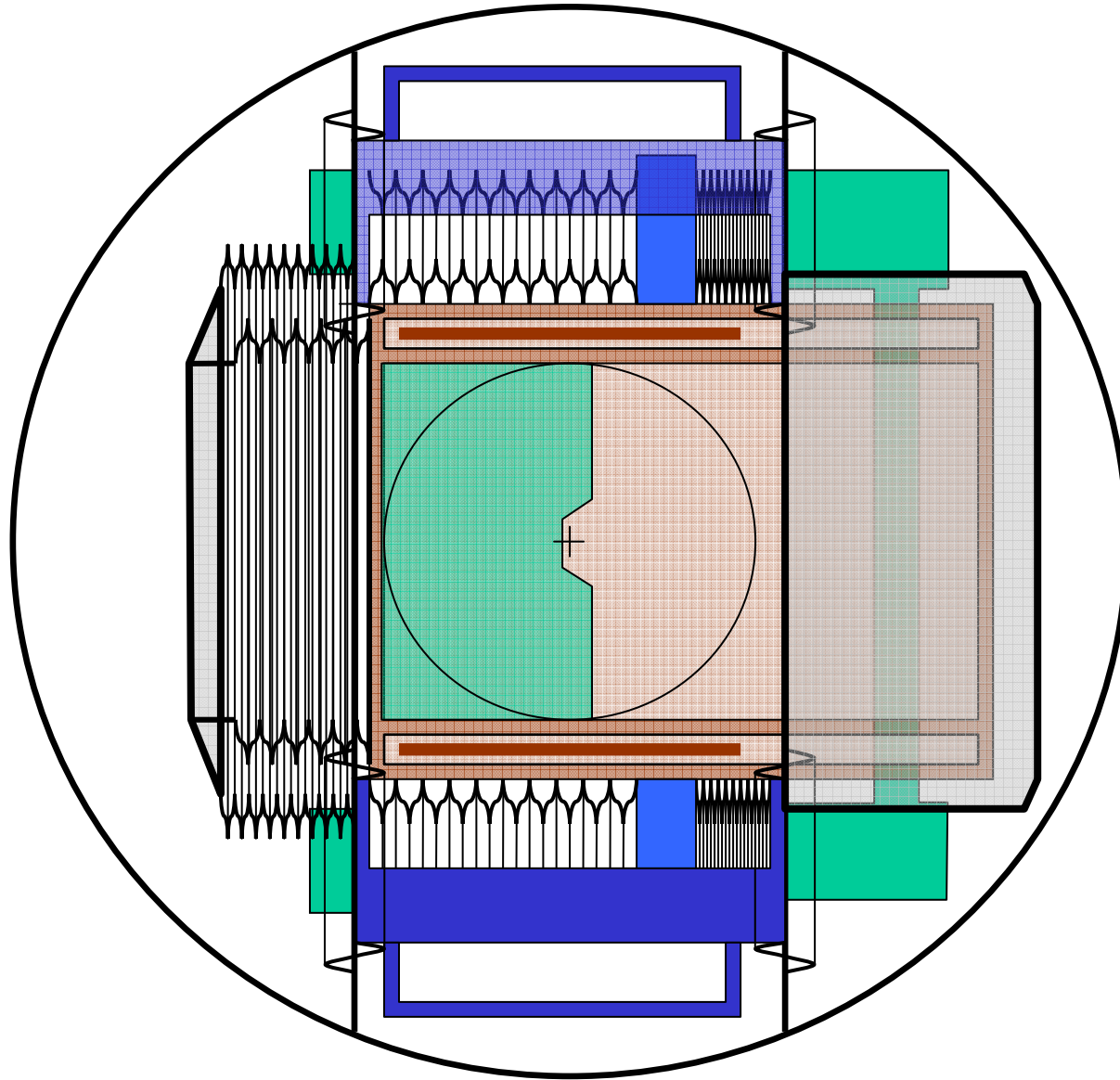# 2.1. μstation, Secondary Vacuum Implementation

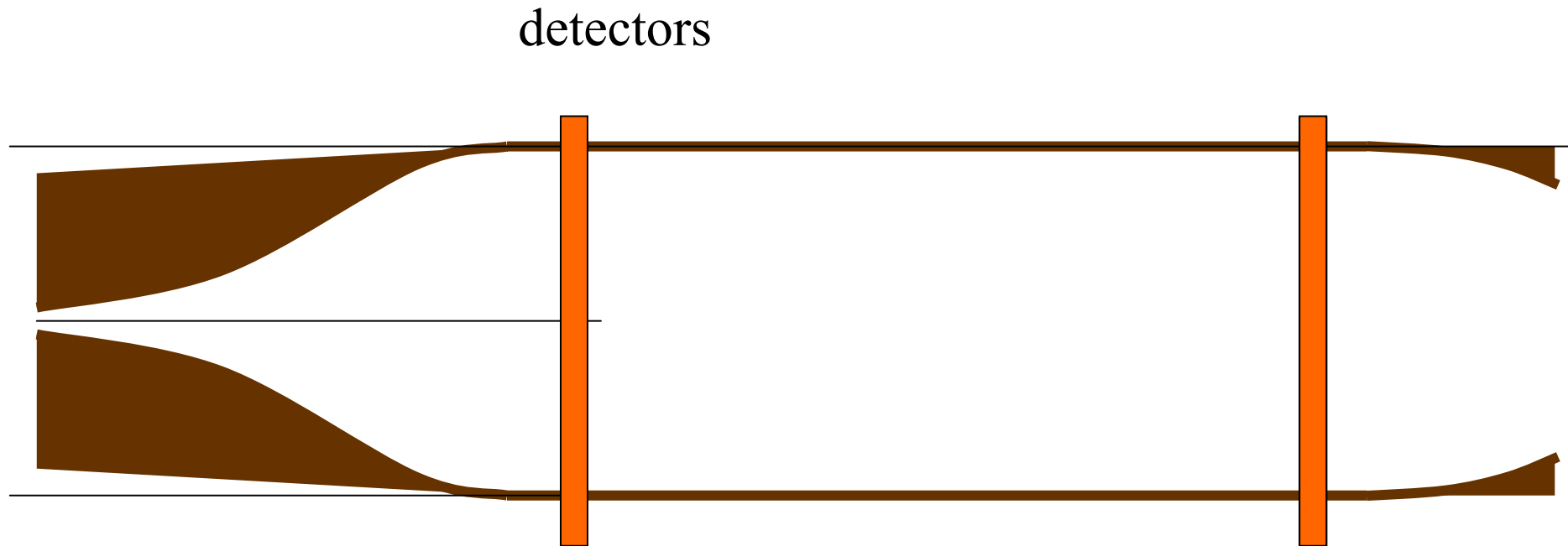# 2.1. μstation, Secondary Vacuum Implementation

2.1. μstation, Secondary Vacuum Implementation

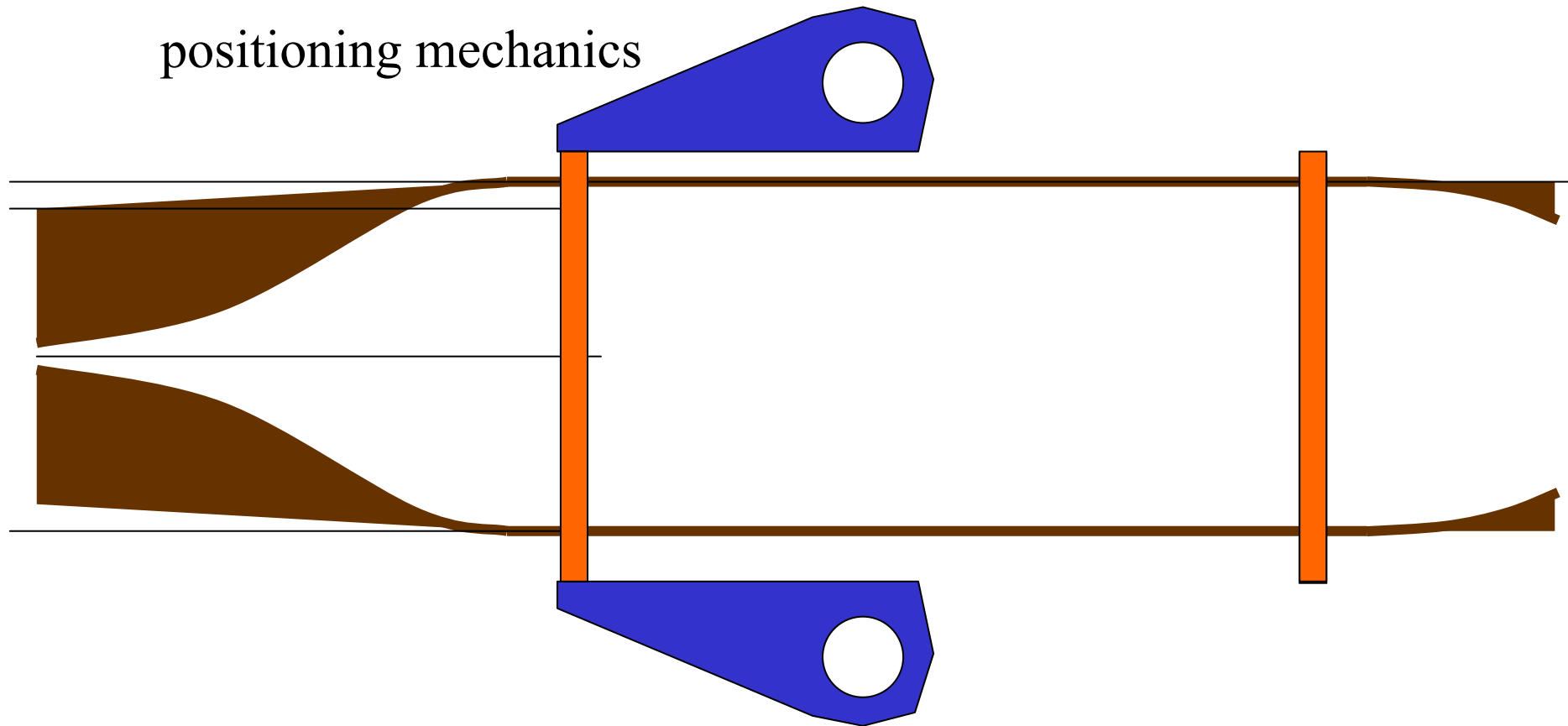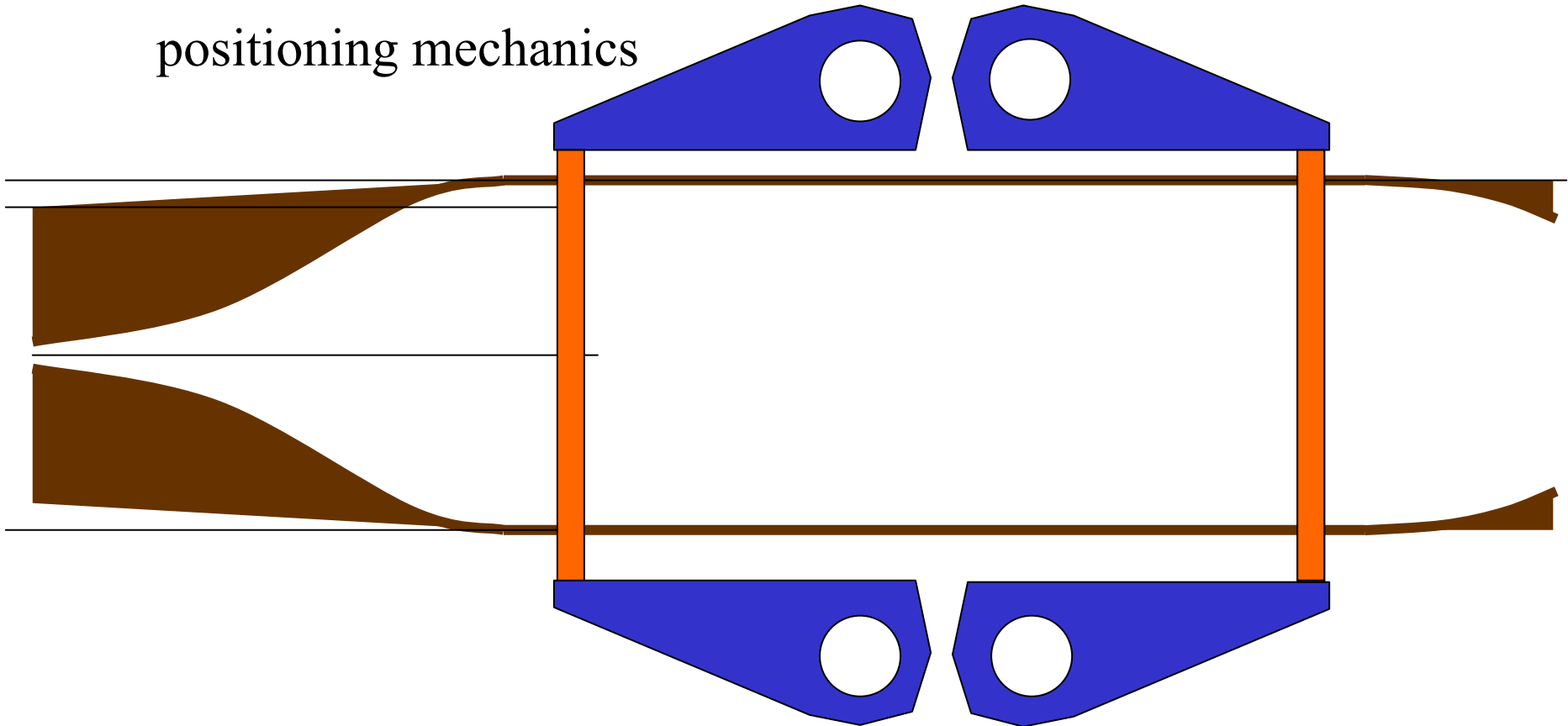# 2.1. μstation, Secondary Vacuum Implementation

2.1. μstation, Secondary Vacuum Implementation

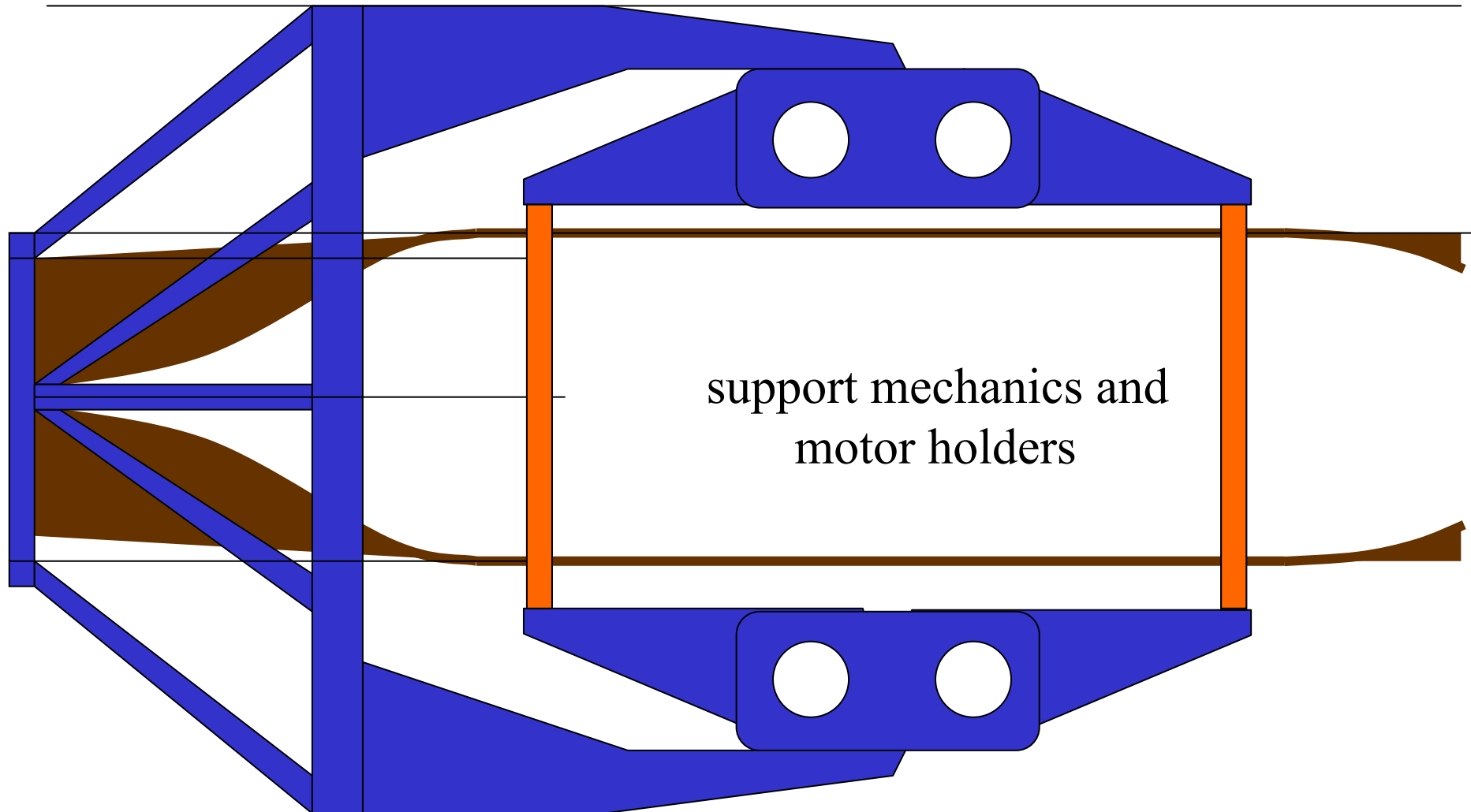# 2.1. μstation, Secondary Vacuum Implementation
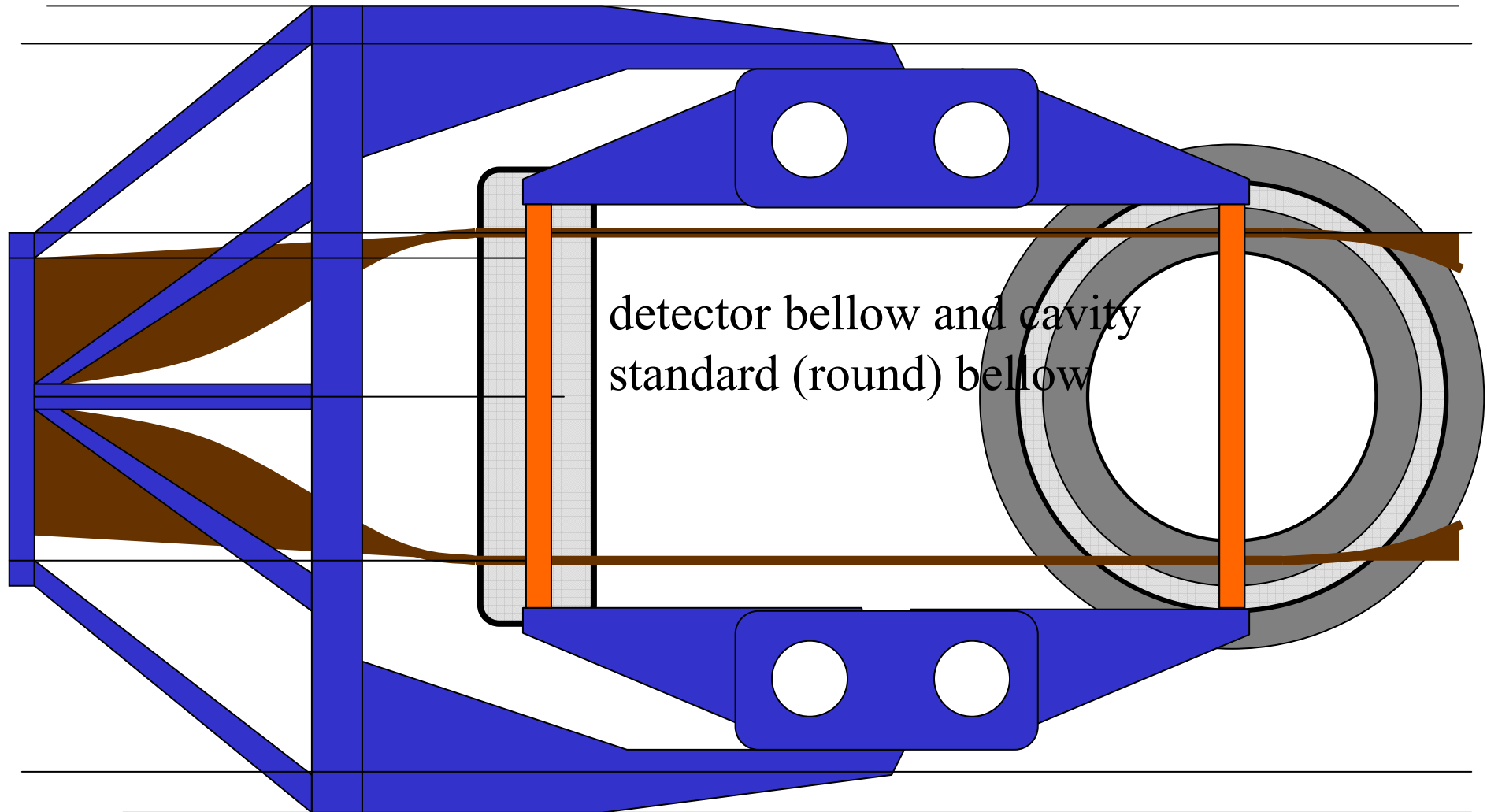
detectors

2.1. μstation, Secondary Vacuum Implementation

positioning mechanics

2.1. μstation, Secondary Vacuum Implementation

positioning mechanics

2.1. μstation, Secondary Vacuum Implementation

support mechanics and
motor holders

2.1. μstation, Secondary Vacuum Implementation

detector bellow and cavity
standard (round) bellow

2.1. μstation, Secondary Vacuum Implementation
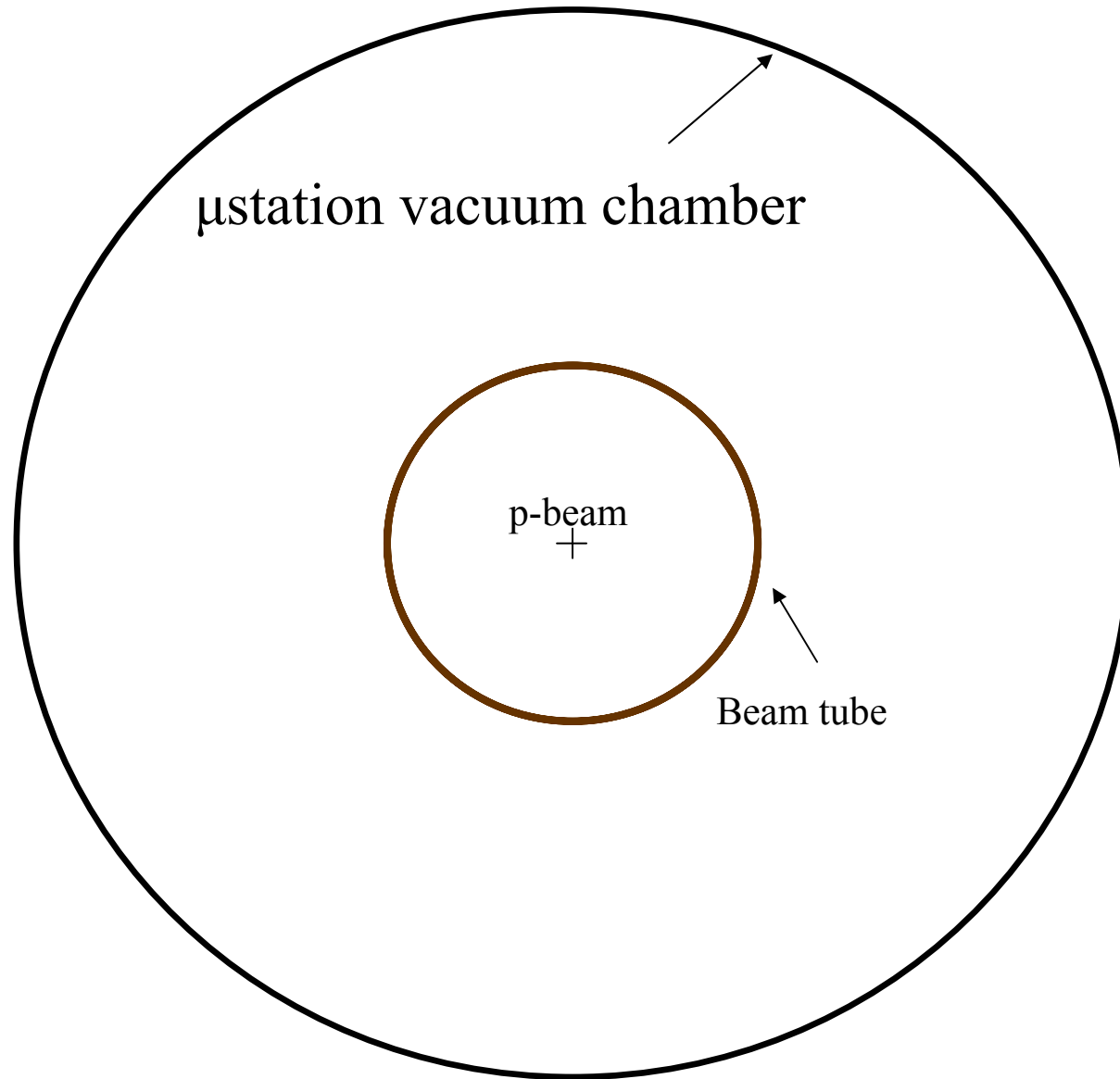
second pair of detector
bellow and cavity

2.1. μstation, Secondary Vacuum Implementation

μstation vacuum chamber

p-beam

Beam tube

2.1. μstation, Secondary Vacuum Implementation

rf fitting

2.1. μstation, Secondary Vacuum Implementation

Detector +

2.1. μstation, Secondary Vacuum Implementation

Detector frame

2.1. μstation, Secondary Vacuum Implementation

Sledge

2.1. μstation, Secondary Vacuum Implementation

Motor bellows

2.1. μstation, Secondary Vacuum Implementation

Motor holder
-stiff contact with motor
-stiff contact with suppor

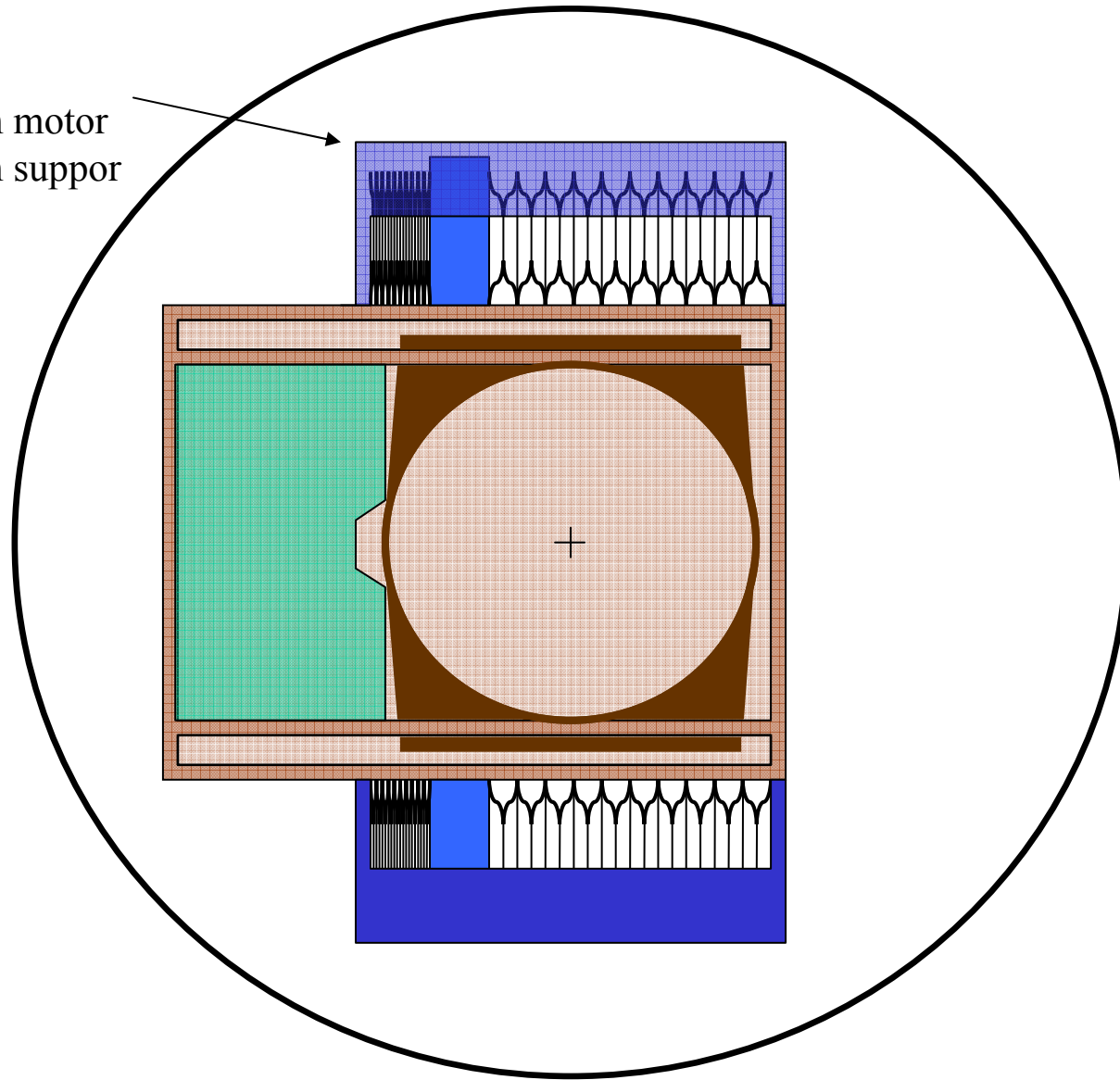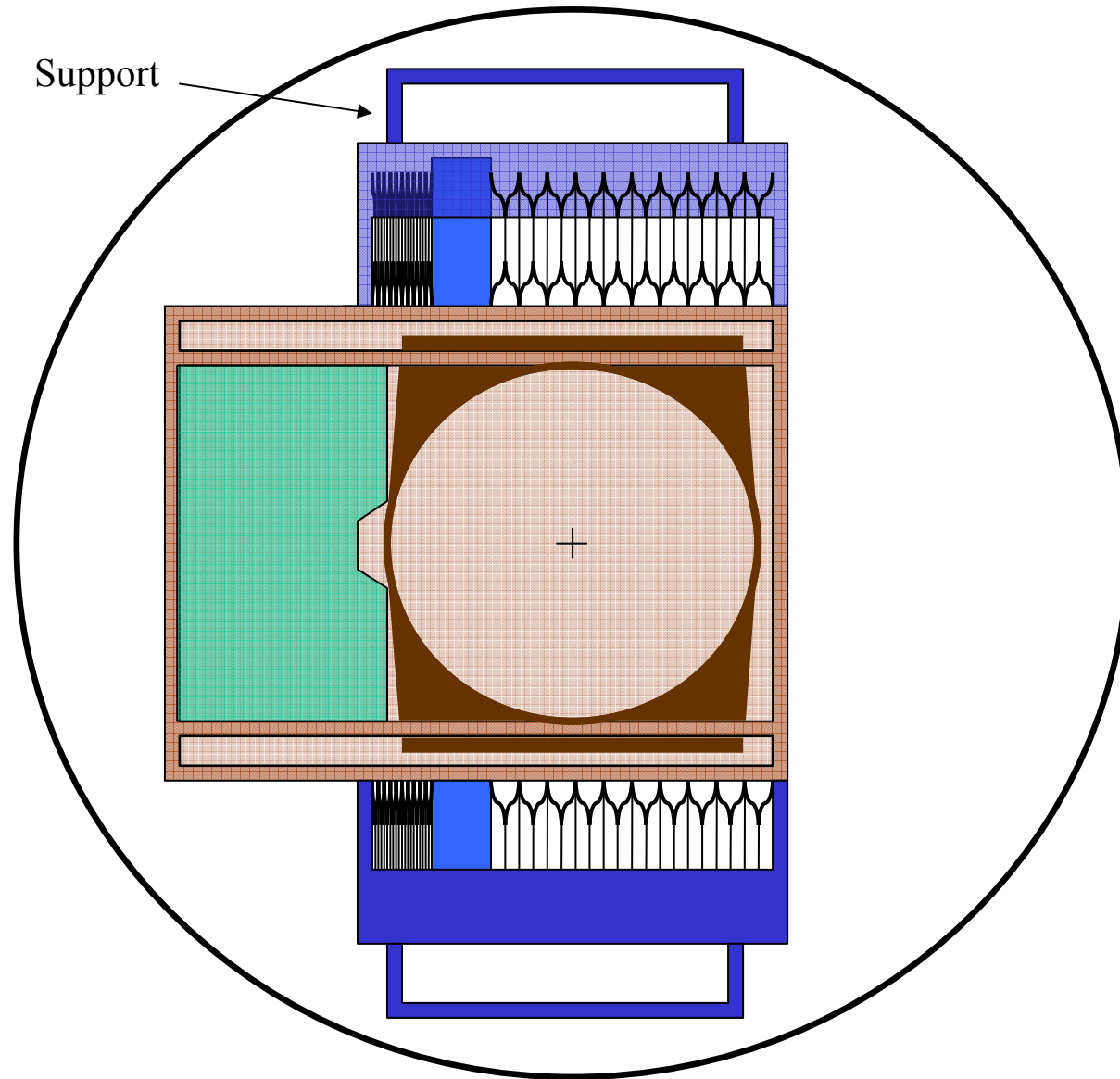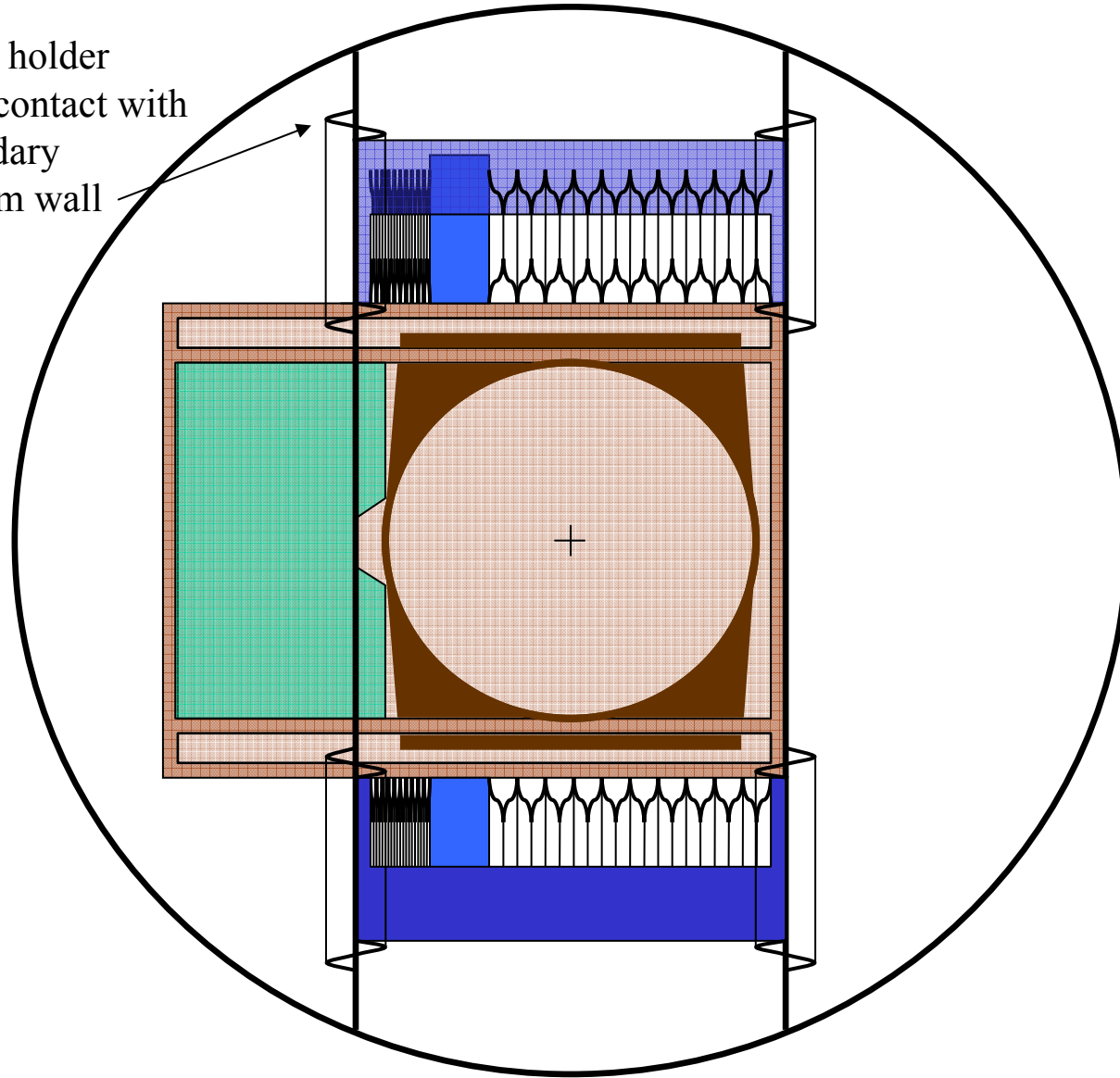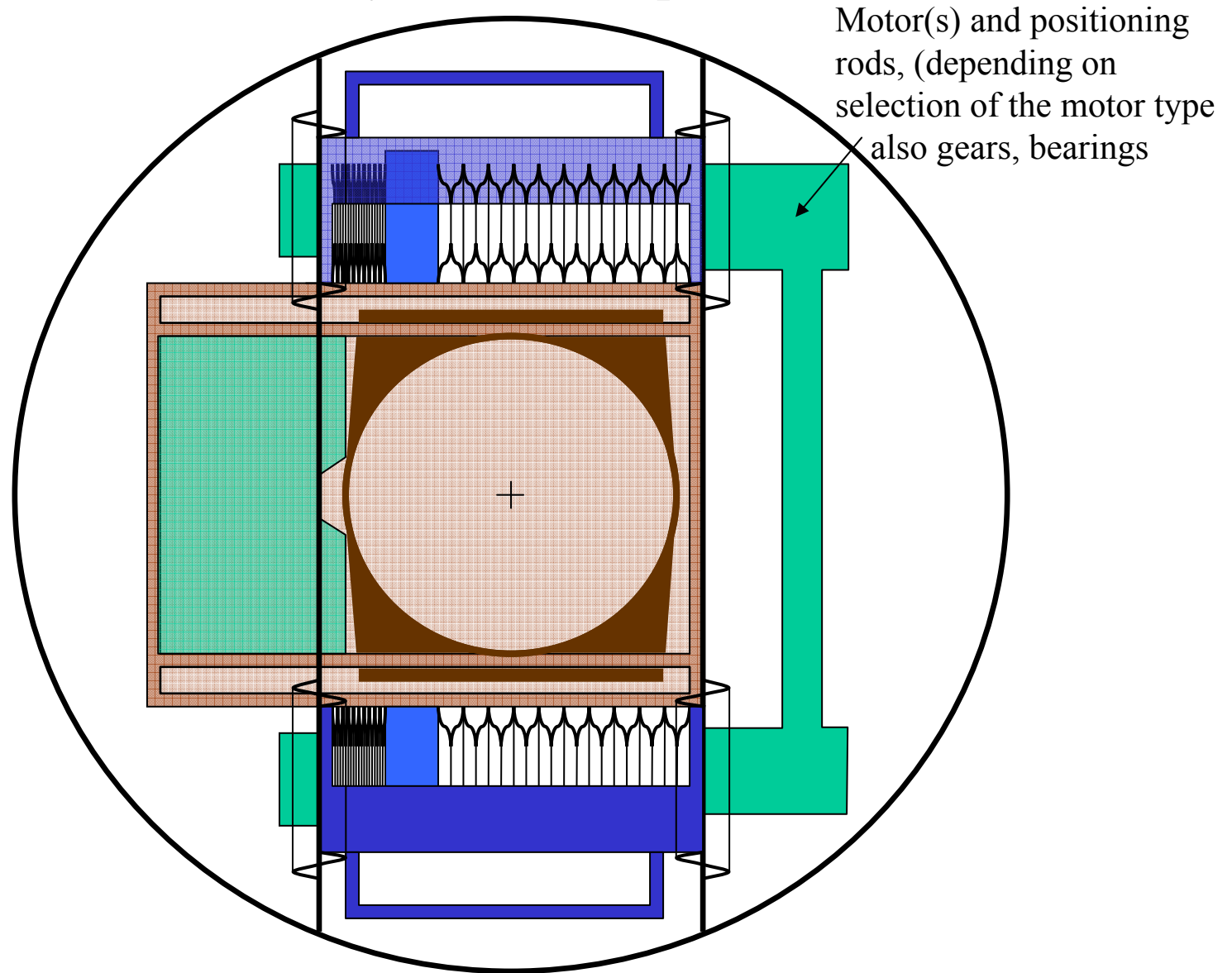# 2.1. μstation, Secondary Vacuum Implementation

Support

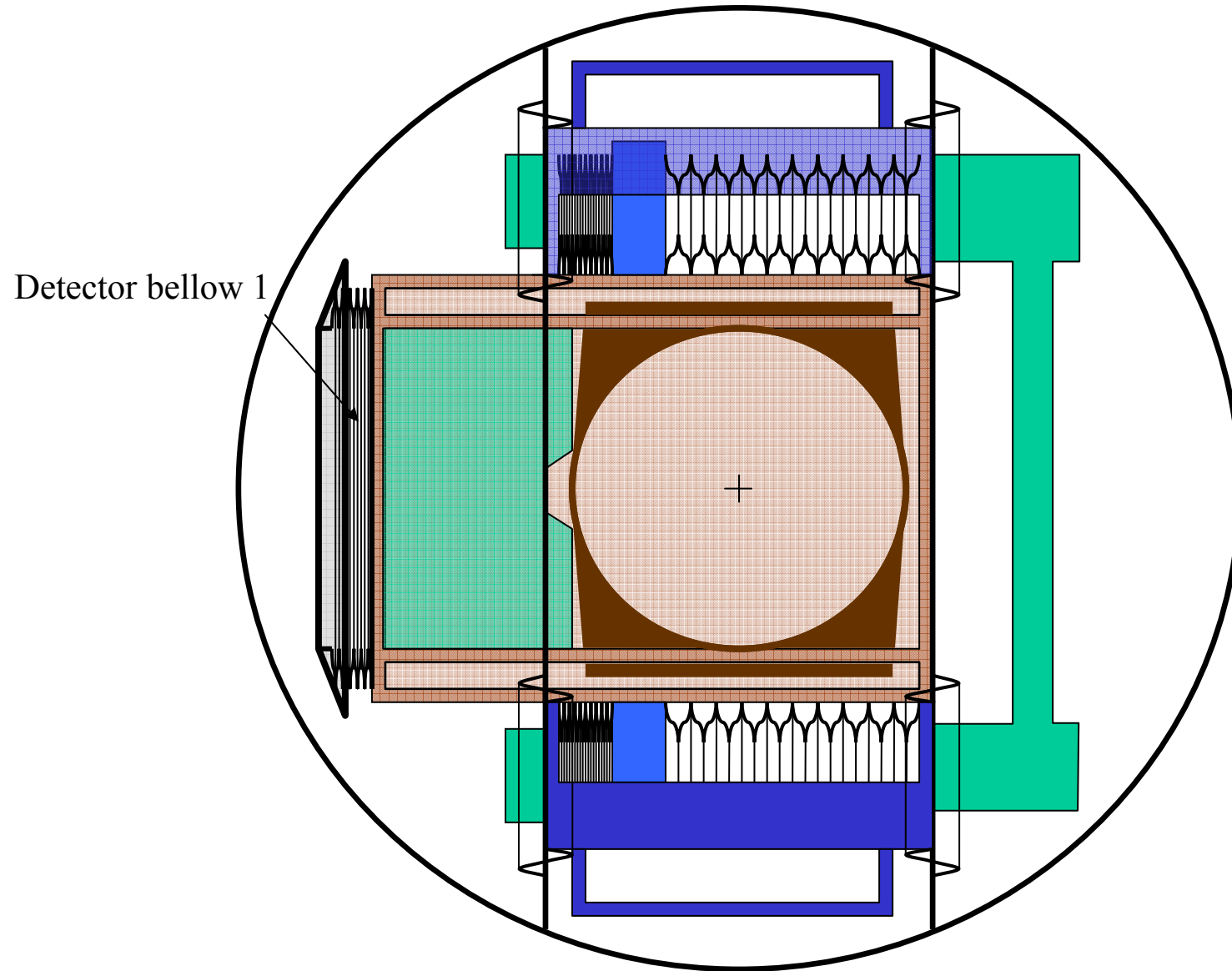# 2.1. μstation, Secondary Vacuum Implementation

Motor holder
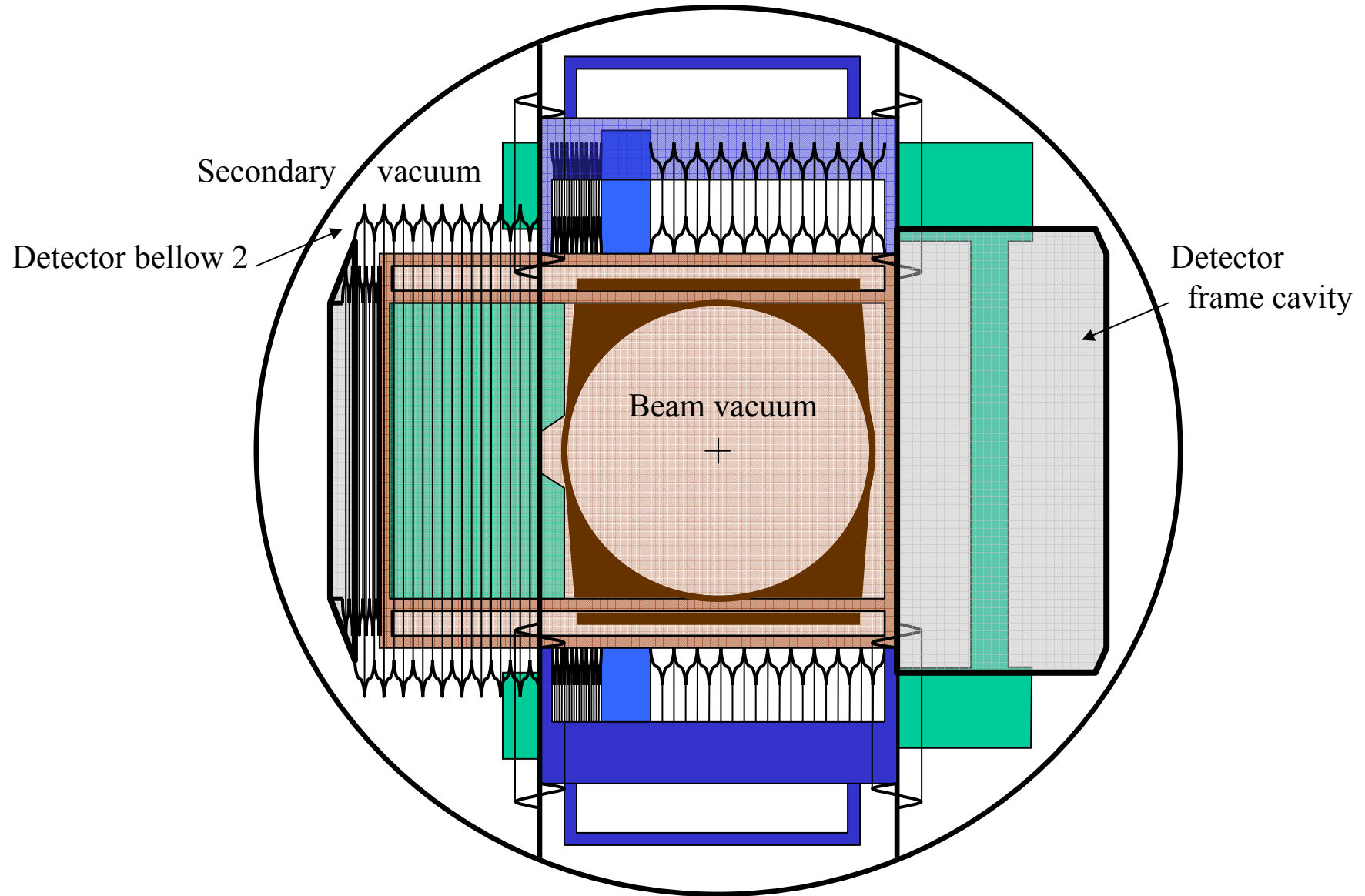loose contact with
secondary
vacuum wall

2.1. μstation, Secondary Vacuum Implementation

Motor(s) and positioning rods, (depending on selection of the motor type also gears, bearings

2.1. μstation, Secondary Vacuum Implementation

Detector bellow 1

2.1. μstation, Secondary Vacuum Implementation

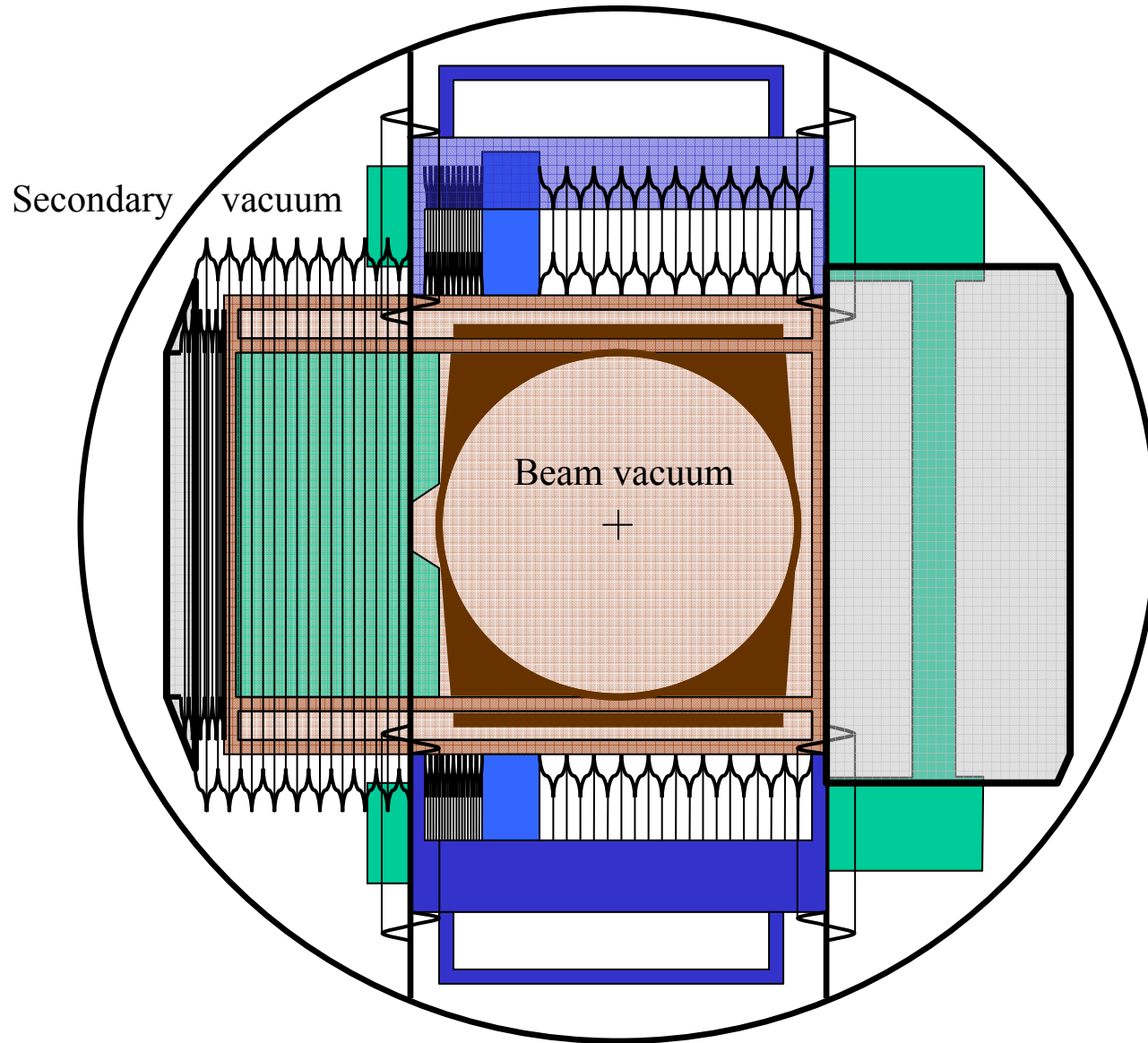Secondary vacuum

Detector bellow 2

Beam vacuum

Detector frame cavity

2.1. μstation, Secondary Vacuum Implementation
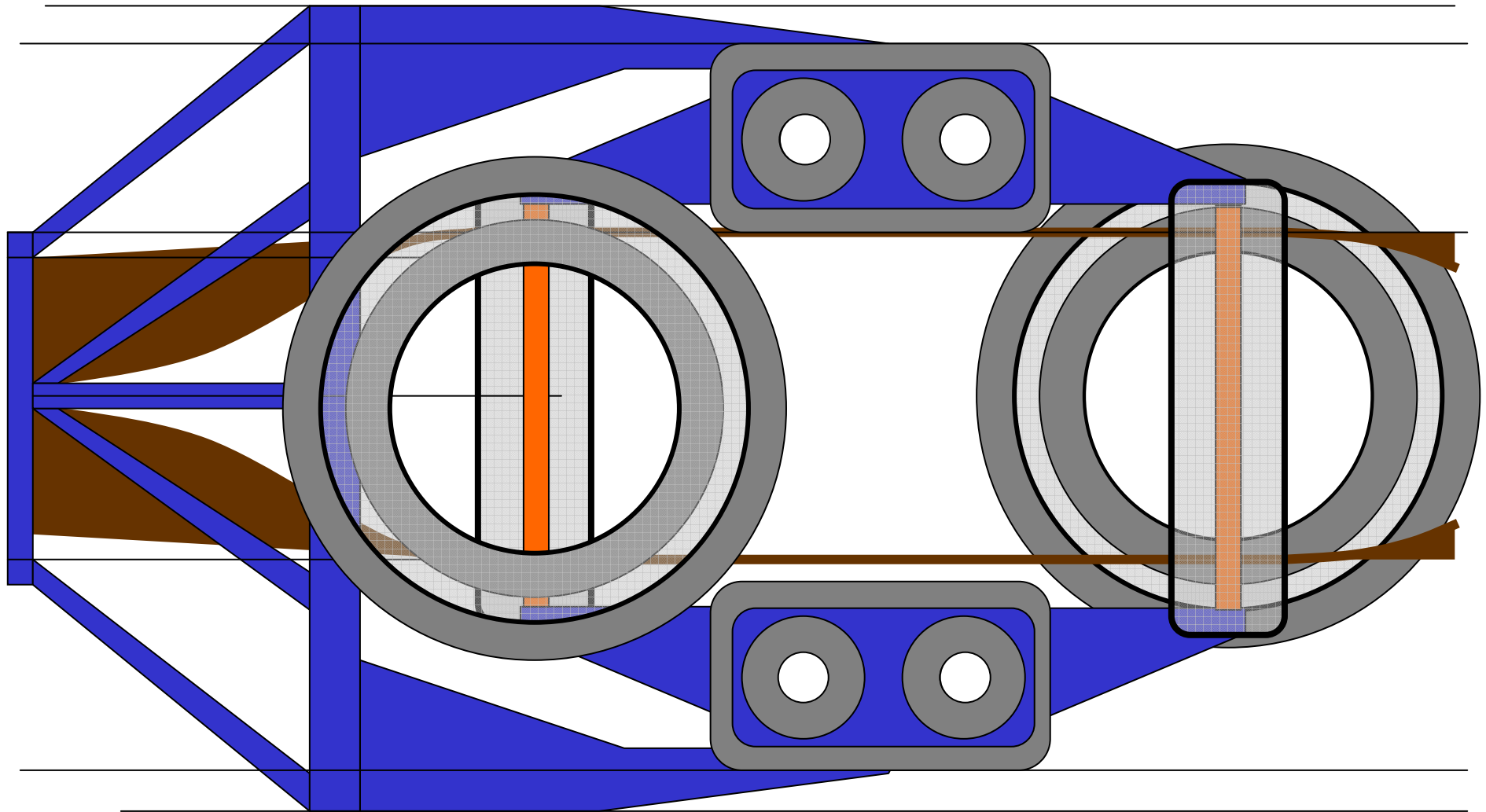
Secondary vacuum

Beam vacuum

2.1. μstation, Secondary Vacuum Implementation

2.1. μstation, Secondary Vacuum Implementation

THANK
+
YOU

Matti Ryynänen KOPERO Ltd 1-03