

Task 1.2: Curved Guide

1. Save as a new instrument
 - ‘Configure’|‘Set Instrument Name’ to “GuideCurved”
2. Change horizontal shape to ‘curved’, set a radius of curvature of 1000 m and the guide to consist of 20 pieces of 100 cm each

Task 1.3: Ballistic Guide

1. Start from the 'Simple Guide'. Save as a new instrument
2. Use 3 times the guide module to build a ballistic guide (in both dimensions) that
 - opens to twice the cross-section over the first 5 m (shape: linear)
 - has constant cross-section over the following 10 m (shape: constant)
 - and converges to the original cross-section over the last 5 m (shape: linear)

Task 1.4: Elliptic Guide

1. Start from the 'Curved Guide'. Save as a new instrument
2. Change both shapes to 'elliptic' and give 100 cm as distance from guide exit to the focal points