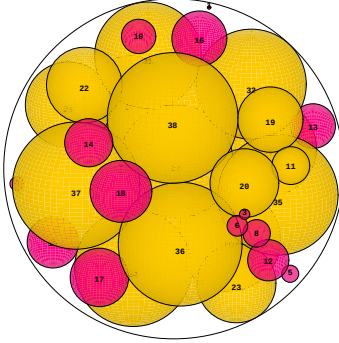


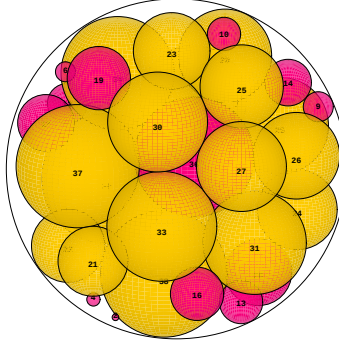
N = 38
38 spheres in a sphere



radius = 0.384276654074 density = 0.567829077170
ratio = 98.887089861407 contacts = 55

© E. Sencer
18 Jan 2024

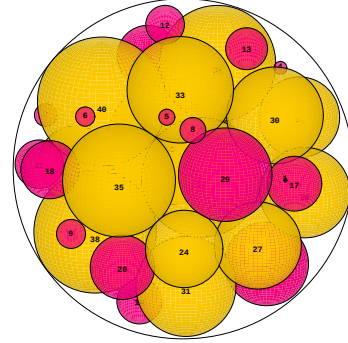
N = 39
39 spheres in a sphere



radius = 0.382035943380 density = 0.571884148574
ratio = 102.084635427112 contacts = 52

© E. Sencer
18 Jan 2024

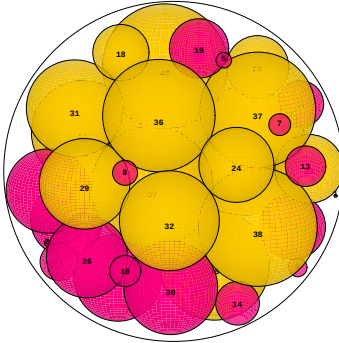
N = 40
40 spheres in a sphere



radius = 0.379528962141 density = 0.574357768206
ratio = 105.393801238124 contacts = 49

© E. Sencer
18 Jan 2024

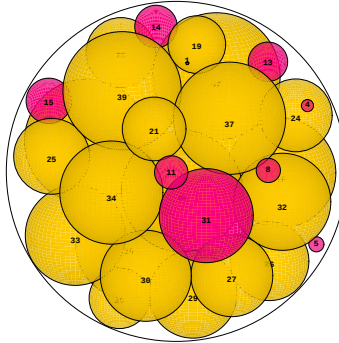
N = 41
41 spheres in a sphere



radius = 0.376657268183 density = 0.574769324712
ratio = 108.852298914824 contacts = 46

© E. Sencer
18 Jan 2024

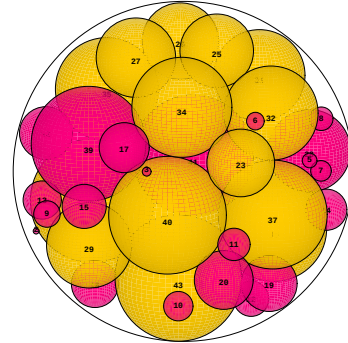
N = 42
42 spheres in a sphere



radius = 0.374734830628 density = 0.579161673801
ratio = 112.078253293884 contacts = 61

© E. Sencer
18 Jan 2024

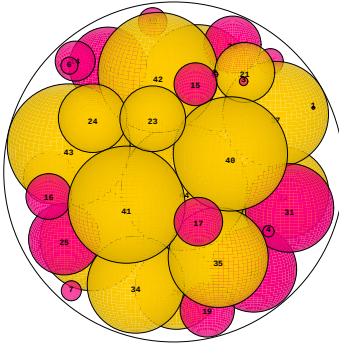
N = 43
43 spheres in a sphere



radius = 0.372114882393 density = 0.579973332341
ratio = 115.958711514345 contacts = 52

© E. Sencer
18 Jan 2024

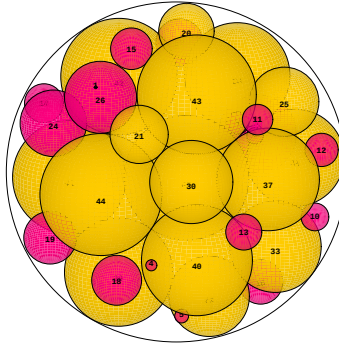
N = 44
44 spheres in a sphere



radius = 0.36973286581 density = 0.581519513861
ratio = 119.004837651756 contacts = 58

© E. Sencer
18 Jan 2024

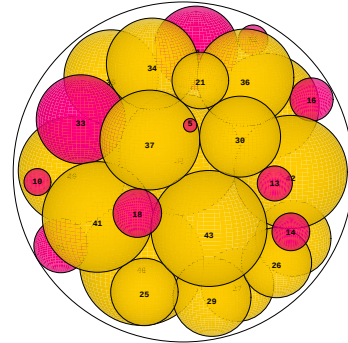
N = 45
45 spheres in a sphere



radius = 0.366987613806 density = 0.581828423323
ratio = 122.619942219053 contacts = 64

© E. Sencer
18 Jan 2024

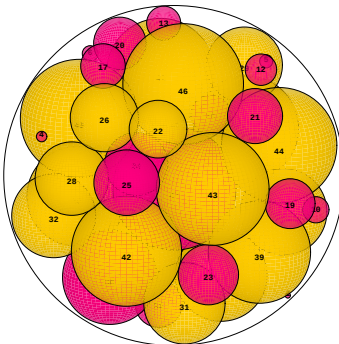
N = 46
46 spheres in a sphere



radius = 0.364891955695 density = 0.583271582442
ratio = 126.064714189753 contacts = 67

© E. Sencer
18 Jan 2024

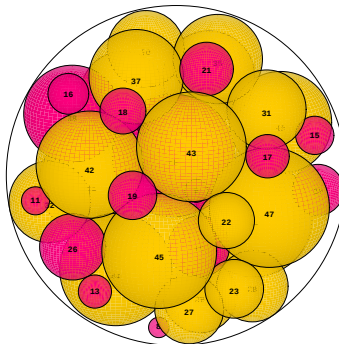
N = 47
47 spheres in a sphere



radius = 0.362585388896 density = 0.584191851209
ratio = 129.624841467497 contacts = 58

© E. Sencer
18 Jan 2024

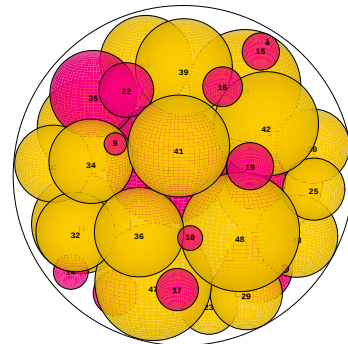
N = 48
48 spheres in a sphere



radius = 0.360243197225 density = 0.584626229956
ratio = 133.243321094611 contacts = 64

© E. Sencer
18 Jan 2024

N = 49
49 spheres in a sphere



radius = 0.358895936265 density = 0.585530781845
ratio = 136.848750182892 contacts = 67

© E. Sencer
18 Jan 2024