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ClearAll["Global`*"]
SetDirectory[NotebookDirectory[]]
C:\Users\Javier\Desktop\Física\Prácticas\Mathematica\Propagación
  MB 3 niveles\MBCPR spatial

FWHM = 10;
τ = 20;
ΩG = 20;

g = Exp[-(x² + y²) / FWHM²] Exp[-t² / τ²];

t = 0;
Plot1 = Plot3D[g, {x, -FWHM, FWHM}, {y, -FWHM, FWHM}, ColorFunction -> "Rainbow",
  ColorFunctionScaling -> False, PlotRange -> {{-10, 10}, {-10, 10}, {0, 1}}];
t = 10;
Plot2 = Plot3D[g, {x, -FWHM, FWHM}, {y, -FWHM, FWHM}, ColorFunction -> "Rainbow",
  ColorFunctionScaling -> False, PlotRange -> {{-10, 10}, {-10, 10}, {0, 1}}];
t = 20;
Plot3 = Plot3D[g, {x, -FWHM, FWHM}, {y, -FWHM, FWHM}, ColorFunction -> "Rainbow",
  ColorFunctionScaling -> False, PlotRange -> {{-10, 10}, {-10, 10}, {0, 1}}];
Plot4 = BarLegend[{"Rainbow", {0, 1}}];
GraphicsRow[{Plot1, Plot2, Plot3, Plot4}, ImageSize -> Full]

```

