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Ejemplo de estructura de códigos (Beamer) en Látex Overleaf
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%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%Zona de paqueteria%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
\documentclass[11pt, xcolor=dvipsnames]{beamer} % Opciones: 'xcolor' para más colores
\usepackage[utf8]{inputenc} % Codificación
\usepackage[spanish]{babel} % Idioma
\usepackage{amsmath, amssymb} % Matemáticas
\usepackage{graphicx} % Imágenes
\usepackage{hyperref} % Hipervínculos

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%Tema y colores (personalizable)%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
\usetheme{Madrid} % Temas comunes: Berlin, Copenhagen, Warsaw, etc.
\usecolortheme{seahorse} % Colores: dolphin, whale, seagull, etc.

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%Información de la presentación%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
\title[Título corto]{Título completo de la presentación}
\subtitle{Subtítulo opcional}
\author[Autor]{Nombre del Autor\inst{1}}
\institute[Institución]{\inst{1} Universidad o Empresa \\\texttt{correo@ejemplo.com}}
\date[today]{Conferencia XYZ \\\today}
\logo{\includegraphics[height=1cm]{logo.png}} % Opcional

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%Contenido%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
\begin{document}

% Portada
\begin{frame}
 \titlepage
\end{frame}

% Índice
\begin{frame}{Contenido}
 \tableofcontents % Genera automáticamente el índice
\end{frame}

% Sección 1
\section{Introducción}
\begin{frame}{Introducción}
 \begin{itemize}
 \item Punto 1: Contexto del tema.
 \item Punto 2: Objetivos.
 \item Punto 3: \alert{Elemento importante} (resaltado).
 \end{itemize}
 \begin{block}{Definición clave}
 Texto destacado en un cuadro.
 \end{block}
\end{frame}

% Sección 2
\section{Desarrollo}
\begin{frame}{Ejemplo con columnas}
 \begin{columns}
 \column{0.5\textwidth}
 \textbf{Texto a la izquierda:}
 \begin{itemize}
 \item Idea 1.
 \item Idea 2.
 \end{itemize}
 \column{0.5\textwidth}
 \textbf{Imagen a la derecha:}
 \includegraphics[width=\textwidth]{ejemplo.png}
 \end{columns}
\end{frame}

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% Sección 3 (con ecuaciones)
\section{Resultados}
\begin{frame}{Fórmulas matemáticas}
    Ecuación de onda:
    \[
    \frac{\partial^2 u}{\partial t^2} = c^2 \nabla^2 u
    \]
    \pause % Pausa para revelar contenido paso a paso
    Solución propuesta:
    \[
    u(x,t) = A \sin(kx - \omega t)
    \]
\end{frame}

% Conclusión
\section{Conclusiones}
\begin{frame}{Conclusiones}
    \begin{enumerate}
        \item Resumen de hallazgos.
        \item Futuras líneas de investigación.
    \end{enumerate}
    \vspace{1cm}
    \centering
    \textbf{¡Gracias por su atención!} \\
    \texttt{\href{mailto:correo@ejemplo.com}{correo@ejemplo.com}}
\end{frame}
\end{document}

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