

Branch: master ▾

TB_EMCR17 / BonnetT_EMCR17.tex

Find file

Copy path

 timotheenivalis

cleaning

2cd75f8 16 days ago

1 contributor

229 lines (173 sloc) 11.6 KB

```
% fancytikzposter.tex, version 2.1
% Original template created by Elena Botoeva [botoeva@inf.unibz.it], June 2012
%
% This file is distributed under the Creative Commons Attribution-NonCommercial 2.0
% Generic (CC BY-NC 2.0) license
% http://creativecommons.org/licenses/by-nc/2.0/
\documentclass{a0poster}
\usepackage[USenglish]{babel}% or british
\usepackage[T1]{fontenc}

\usepackage{wrapfig}
\usepackage{fancytikzposterM}
\usepackage{multirow}
\usepackage{array}

% background picture
\usebackgroundtemplate{7}

\definecolor{myblue3}{HTML}{0C3E07}%main frames

\usepackage[margin=\margin cm, paperwidth=84.1cm, paperheight=118.9cm]{geometry}

\usepackage{cmbright}
%\usepackage[default]{cantarell}
%\usepackage{avant}
%\usepackage[math]{iwona}
\usepackage[math]{kurier}
\usepackage[T1]{fontenc}
\usepackage{tikz}

%%
%% SET FONT SIZES
%%
\renewcommand{\Huge}{\fontsize{64}{85}\selectfont} % Main title
\renewcommand{\huge}{\fontsize{44}{70}\selectfont} % Sub title
\renewcommand{\LARGE}{\fontsize{48}{48}\selectfont} % Box headers
\renewcommand{\Large}{\fontsize{42}{40}\selectfont} % Authors
\renewcommand{\normalsize}{\fontsize{40}{42}\selectfont} % Text in the boxes
\renewcommand{\footnotesize}{\fontsize{34}{42}\selectfont} % references
\renewcommand{\small}{\fontsize{24}{22}\selectfont}

%% add your packages here

%% Set the folder that contains the images
\graphicspath{ {./Lowres/} }

\title{Genetic evolution, climate change, and wild animal extinction: to understand and predict\vspace{-0.2em}}
\author{{\LARGE{Dr. Timoth\{e\}e Bonnet}}\vspace{-20pt} \footnotesize Research School of Biology, ANU College of Science
\\
}

\begin{document}

%%
%% ----- the background picture -----
%% to change it modify the macro \BackgroundPicture
\ClearShipoutPicture
\AddToShipoutPicture{\BackgroundPicture}
```

```

\noindent % to have the picture right in the center

\begin{tikzpicture}
  \initializesizeandshifts
  % \setxshift{15}
  \setyshift{2.5} % uncomment this line to condense the boxes

  \newcommand{\volesize}{0.8cm}

  %% the title block, #1 - shift, the default value is (0,0), #2 - width, #3 - scale
  %% the alias of the title block is 'title', so we can refer to its boundaries later
  \ifthenelse{\equal{\template}{1}}{
    \titleblock[(-0.7,0)]{48}{1}
  }{
    \titleblock[(-10,0)]{87}{1.5}
  }

  \addlogo[east]{(10,0)}{8cm}{anu}
  \addlogo[west]{(-10,0)}{8cm}{tim}

  \coordinate (aaa) at (currenty);

  \blocknodew[(\$(currenty)+(19.6,0)\$)]{77}{(\includegraphics[width=\volesize]{snowwwvole2}) Human activities modify the environment o
  {
    \dots threatening population persistence and reshaping natural selection. Lab experiments have shown that genetic evolut
  }

  \blocknodew[(\$(currenty)+(0,2)\$)]{77}{(\includegraphics[width=\volesize]{snowwwvole2}\includegraphics[width=\volesize]{snowwwvole2})
  {
    \hspace{-1cm}
    \begin{tabular}{p{0.25\textwidth} p{0.03\textwidth} p{0.22\textwidth} p{0.03\textwidth} p{0.22\textwidth} p{0.25\textwidth}}

      \parbox{22cm}{Long-term monitoring in the wild\}
      \centering \begin{tabular}{c c}
        \includegraphics[height=12cm]{DSC00190} &
        \includegraphics[height=12cm]{field} \end{tabular}
      \end{tabular}

      &
      &
      \parbox{20cm}{ \hspace{4cm}Weather data\}
      \centering \begin{tabular}{c}\includegraphics[height=12cm]{Taliplue-winter}\end{tabular}
      }

      &
      &
      \parbox{20cm}{ Genetic / genomic data\}
      \centering \begin{tabular}{c}\includegraphics[height=12cm]{pedigreeplot}\end{tabular}
      }

      &
      &
      \parbox{20cm}{\hspace{1cm}Math/statistical tools\}
      \centering \begin{tabular}{c}\includegraphics[height=12cm]{Matrices-1}\end{tabular}
      }

    \end{tabular}
    \vspace{-1cm}
  }%end block

  \coordinate (tfirstcol) at (currenty);

  \coordinate (width) at (\$(76.8,0) - (2.1,0)\$);
  %% the content of the block
  %% the content of the block
  \draw let \p1=(\$(width)-(0,0)\$) , \p2=(\$(0,\blocktitleheight cm)-(0,2.4cm)\$)
  in node[draw, anchor=north, color=blocktitlefillcolor, text=blocktextcolor,
  frame, rectanglesplittwo, rectangle split horizontal=false,
  rectangle split part fill={blocktitlefillcolor, none}, %
  rectangle split empty part height= \y2
  ]
  (box) at (\$(currenty)+(0,2)\$) {
    \nodepart{second}
    \begin{minipage}{\x1}
      \begin{center}
        \vspace{22cm} % a very mesy trick to control box height...
      \end{center}
    \end{minipage}
  }

```

```

\end{center}
\end{minipage}
};

%% the title of the block
\node[frame, anchor=north west, text=blocktitletextcolor] at (box.north west)
{(\includegraphics[width=\volesize]{snowwwvole2}\includegraphics[width=\volesize]{snowwwvole2}\includegraphics[width=\volesize]{s

\node[anchor=north west] (deer) at ($(box.north west)+(0.2,-3)$) {\includegraphics[height=10cm]{percy}};
\node[anchor=south] (reddeer) at (deer.south) {\color{colorone!40!white}{\large \textbf{Red deer, Scotland}}};
\node[anchor=west] (clim1) at (deer.east) {\parbox{10cm}{\textbf{Earlier, warmer springs affect parturition date}}};

\node[anchor=south west] (vole) at ($(box.south west)+(0.2,3)$) {\includegraphics[height=10cm]{cutevole}};
\node[anchor=south] (snowvole) at (vole.south) {\color{colorone!40!white}{\large \textbf{Snow vole, Switzerland}}};

\node[anchor=west] (clim2) at (vole.east) {\parbox{10cm}{\textbf{Change in snow fall pattern affect body mass}}};

\node[anchor=west] (graph) at ($(box.west)+(20.5,-1)$) {\includegraphics[height=25cm]{MakeGraph/figure/gr-1}};

\node[anchor=east] (evolcommon) at ($(box.east)+(-0.5,3.5)$) {\parbox{24cm}{\textbf{Statistical partitioning of phenotype reveal
\\mbox{Apparent selection may not predict} evolution well.\\
\\Phenotypic data are necessary but insufficient to predict evolution}}};

\node[anchor=south east, draw=colorone!70!black] (text1) at ($(box.south east)+(-0.5,3)$) {\parbox{24cm}{\textbf{Genetic evoluti

\coordinate (currenty) at ($(box.south)-(yshift)$);
%
\draw let \p1=($(width)-(0,0)$) , \p2=($(0,\blocktitleheight cm)-(0,2.4cm)$)
in node[draw, anchor=north, color=blocktitlefillcolor, text=blocktextcolor,
frame, rectanglesplittwo, rectangle split horizontal=false,
rectangle split part fill={blocktitlefillcolor, none}, %
rectangle split empty part height= \y2
]
(box2) at ($(currenty)+(0,2)$) {
\nodepart{second}
\begin{minipage}{\x1}
\begin{center}
\vspace{22cm} % a very mesy trick to control box height...
\end{center}
\end{minipage}
};

%% the title of the block
\node[frame, anchor=north west, text=blocktitletextcolor] (tit2) at (box2.north west)
{(\includegraphics[width=\volesize]{snowwwvole2}\includegraphics[width=\volesize]{snowwwvole2}\includegraphics[width=\volesize]{s

\node[anchor=north] (evolution) at ($(box2.north)+(0,-3)$) {\textbf{\LARGE Evolution}};
\node[anchor=south] (demography) at ($(box2.south)+(0,0)$) {\textbf{\LARGE Demography}};

\draw[>, line width=0.4cm, color = colorone!70!black] ($(evolution.south)-(0.5,1)$) -- ($(demography.north)-(0.5,0)$);
\draw[<-, line width=0.4cm, color = colorone!95!white] ($(evolution.south)+(0.5,0)$) -- ($(demography.north)+(0.5,1)$);

\node[anchor=east, draw=colorone!70!black] (rescue) at ($(box2.west)+(38,0)$) {\parbox{16cm}{\color{colorone!70!black}{\textbf{t

\node[anchor=north west] (demoevo) at ($(box2.north west)+(1,-3)$) {\includegraphics[width=18cm]{projnoevoevolmass-1}};

\node[anchor=west, draw=colorone!95!white] (oppse1) at ($(box2.west)+(39,0)$) {\parbox{16cm}{\color{colorone!95!white}{\textbf{t

\node[anchor=north east] (reiss) at ($(box2.north east)+(0,-5)$) {\includegraphics[width=20cm]{reissexpected}};

%\node[anchor=south east] (theory) at ($(box2.north east)+(-1,-6)$) {};
\node[anchor=south east, draw=black] (metaana) at ($(box2.south east)+(-0.5,2)$) {\parbox{32cm}{Theoretical expectation\\But reli

\node[anchor=south west, draw=black] (demograph) at ($(box2.south west)+(0.5,2)$) {\parbox{32cm}{Evolution can rescue populations

\coordinate (currenty) at ($(box2.south)-(yshift)$);

\node[anchor=north, rounded corners=15pt, fill=titledrawcolor] (qrw) at ($(currenty) + (-34,0)$) {\includegraphics[width=8cm]{qrwebsite
\node[anchor=north, rounded corners=15pt, fill=titledrawcolor] (qrgit) at ($(currenty) + (34,0)$) {\includegraphics[width=8cm]{qrgitrep

```

```
\node[anchor=south] (web) at (qrw.north) {\textbf{\color{colorone!80!black}{Website}}};
\node[anchor=south] (git) at (qrgit.north) {\textbf{\color{colorone!80!black}{This \LaTeX code}}};

\endblock{({$(web.east)+(2,-4)$}){61}{\hspace{25cm}\color{colorone}{Collaborators}}}{

\begin{tabular}{|l l |c| l l|}%p{0.25\textwidth} p{0.25\textwidth} p{0.25\textwidth} p{0.25\textwidth}}
\textbf{Prof. Loeske Kruuk} & ANU, Australia & \textbf{Prof. Andrew Cockburn} & ANU, Australia\\
\textbf{Dr. Erik Postma} & University of Exeter, UK& \textbf{Prof. Arpat Ozgul} & Uni. Zurich, Switzerland\\
\textbf{Dr. Caroline Thomson}& University P. Sabatier, France & \textbf{Dr. Michael Morrissey} & St. Andrew University, UK\\

\end{tabular}

}

\end{tikzpicture}
\end{document}
```