

## Core Algorithm My Important Project Hans. Muster mann@deep thought. universityCentral Picture Project Description Poster Tutorial #4 As next step, we choose some nice settings for all the boxes. These global settings are applied using the boxes option Also, we do not need the auxiliary frame lines anymore and we set showframe=false. \begin{tcbposter}[ coverage = { interior style={top color=yellow,bottom color=yellow!50!red}, watermark text={\LaTeX\ Poster}, watermark color=yellow, }, poster = {showframe=false,columns=4,rows=5}, enhanced standard jigsaw, sharp corners=downhill, arc=3mm, boxrule=1mm, colback=white,opacityback=0.75,colframe=blue, title style={left color=black,right color=cyan}, fonttitle=\bfseries\Large\scshape Process References Contact

### Core Algorithm

## My Important Project

Hans.Mustermann@deepthought.university

#### **Project Description**

#### Poster Tutorial #5

Control Distant

We make the title box different from the other boxes by removing everything except the background. Also, two pictures are added left and right which should be seen as logos or similar things.

```
%...
\posterbox[blankest,interior engine=path,height=3cm,
    halign=center,valign=center,fontupper=\bfseries\large,colupper=red!25!black,
    underlay={
        \node[right,inner sep=0pt,outer sep=0pt] at (frame.west) {\includegraphics[height=3cm]{pink_marble.png}};
        \node[left,inner sep=0pt,outer sep=0pt] at (frame.east) {\includegraphics[height=3cm]{crinklepaper.png}};
},
]{name=title,column=1,span=3,below=top}{
    \resizebox{18cm}{!}{\bfseries\Huge My Important Project}\\[3mm]
    Hans.Mustermann@deepthought.university
}
%...
```

Process

References

Hans.Mustermann@deepthought.university

#### **Project Description**

#### Central Picture

Core Algorithm

#### Poster Tutorial #6

The references box is filled with a simple enumerate list.
You may insert a more fancier and LATEXier bibliography for your real project ...

```
%...
\posterbox[adjusted title=References] {name=references, column=2, span=1.5, above=bottom} {
   \begin{enumerate}[{[1]}]
   \item\label{litA} Important Authors, \textit{Important Title}
   \item\label{litB} More Important Authors, \textit{More Important Title}
   \item\label{litC} Less Important Authors, \textit{Less Important Title}
   \end{enumerate}
}
```

Surely, you noted that all boxes adapt to the grown height of our references box. Maybe, you want to get some pages back to see how the box placements were done for this example.

#### References

- [1] Important Authors, Important Title
- [2] More Important Authors, More Important Title
- [3] Less Important Authors, Less Important Title

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#### Project Description

#### Central Picture

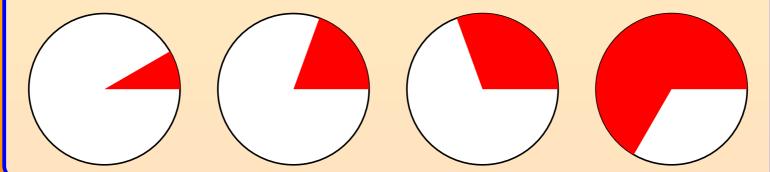
#### Poster Tutorial #7

We go on with the process which gets some example tikzpicture.

Note that you always can insert additional tcolorbox options like halign=center to a posterbox.

```
\posterbox[adjusted title=Process,halign=center]{name=process,column=2,span=2,above=references}{
 \begin{tikzpicture}[very thick,radius=2cm]
    \begin{scope}
      \path[draw=black,fill=white] (0,0) circle;
      \path[fill=red] (0,0) -- (2,0) arc [start angle=0, end angle=30];
    \end{scope}
    \begin{scope}[xshift=5cm]
      \path[draw=black,fill=white] (0,0) circle;
      \path[fill=red] (0,0) -- (2,0) arc [start angle=0, end angle=70];
    \end{scope}
    \begin{scope} [xshift=10cm]
      \path[draw=black,fill=white] (0,0) circle;
      \path[fill=red] (0,0) -- (2,0) arc [start angle=0, end angle=110];
    \end{scope}
    \begin{scope}[xshift=15cm]
     \path[draw=black,fill=white] (0,0) circle;
      \path[fill=red] (0,0) -- (2,0) arc [start angle=0, end angle=240];
    \end{scope}
  \end{tikzpicture}
```

#### Process



#### References

- [1] Important Authors, Important Title
- [2] More Important Authors, More Important Title
- [3] Less Important Authors, Less Important Title

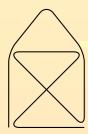


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#### Core Algorithm

#### **Project Description**

See [1]: Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.



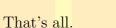
by [2

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ip-

sum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

See [3]: Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices. Lorem ipsum dolor sit amet, consectetuer adipiscing elit. In hac habitasse platea dictumst. Integer tempus convallis augue. Etiam facilisis. Nunc elementum fermentum wisi. Aenean placerat. Ut imperdiet, enim sed gravida sollicitudin, felis odio placerat quam, ac pulvinar elit purus eget enim. Nunc vitae tortor. Proin tempus nibh sit amet nisl. Vivamus quis tortor vitae risus porta vehicula.



#### Central Picture

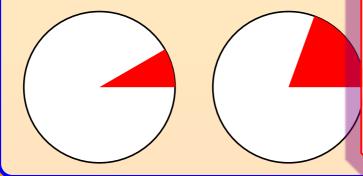
#### Poster Tutorial #8

The project is a breakable box with two parts. Nevertheless, you can fill the box like any other box. The information how to break was already given by the placement options.

```
\posterbox[adjusted title=Project Description] {name=project,
    sequence=1 between title and bottom then 2 between title and process}{
  See [\ref{litA}]: \lipsum[1]
  \begin{center}
 \tikz \draw[thick,rounded corners=8pt]
    (0,0)-(0,2)-(1,3.25)-(2,2)-(2,0)-(0,2)-(2,2)-(0,0)-(2,0);
  \quad by [\ref{litB}]
  \end{center}
 \lipsum[2-3]\par
 See [\ref{litC}]:
 \lipsum[4]
 \begin{center}
  \tikz \shadedraw [left color=red,right color=blue]
  (0,0) rectangle (2,2);
 \end{center}
 That's all.
% . . .
```

The two boxes have a *closed* appearance, because we used enhanced standard jigsaw as global style for all boxes. For an *open* appearance, just use enhanced jigsaw instead:

#### Process



```
\https://docs.com/
\begin{tcbposter}[
%...
boxes = {
    enhanced jigsaw,% <-----
    sharp corners=downhill,arc=3mm,boxrule=1mm,
%...
}

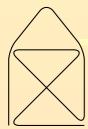
</pre>
```

#### References

- [1] Important Authors, Important Title
- [2] More Important Authors, More Important Title
- [3] Less Important Authors, Less Important Title

#### **Project Description**

See [1]: Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.



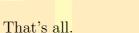
by [2

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ip-

sum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

See [3]: Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices. Lorem ipsum dolor sit amet, consectetuer adipiscing elit. In hac habitasse platea dictumst. Integer tempus convallis augue. Etiam facilisis. Nunc elementum fermentum wisi. Aenean placerat. Ut imperdiet, enim sed gravida sollicitudin, felis odio placerat quam, ac pulvinar elit purus eget enim. Nunc vitae tortor. Proin tempus nibh sit amet nisl. Vivamus quis tortor vitae risus porta vehicula.



#### Central Picture

Core Algorithm

#### Poster Tutorial #9

In our example, the whole space of the picture box should be filled with a given picture. This is a piece of cake using a special interior style:

```
%...
\posterbox[adjusted title=Central Picture,
  interior style={fill overzoom image=blueshade.png}]
  {name=picture,column=3,between=title and process}{}
```

#### References

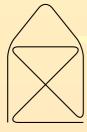
- [1] Important Authors, Important Title
- $[2] \ \ \text{More Important Authors}, \ \textit{More Important Title}$
- $[3] \ \ {\it Less Important Authors}, \ {\it Less Important Title}$



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#### Project Description

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by [2]

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ip-

sum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

See [3]: Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tin-

#### Poster Tutorial #10

For the Algorithm, we need a verbatim environment. Here, tcblisting is used.

Therefore, we cannot use a posterbox as usual, but we can a posterboxenv environment instead.

Note that you would get some weird errors, if posterbox would have been applied.

```
%...
\begin{posterboxenv} [adjusted title=Core Algorithm,leftupper=Opt,rightupper=Opt]
    {name=algorithm,column=4,between=top and references}
\begin{tcblisting}{blankest,listing only}
\begin{tikzpicture} [very thick,radius=2cm]
    \begin{scope}
        \path[draw=black,fill=white] (0,0) circle;
        \path[fill=red] (0,0) -- (2,0)
        arc [start angle=0, end angle=30];
    \end{scope}
%...
\end{tikzpicture}
\end{tcblisting}
\end{posterboxenv}
%...
```

#### Central Picture

## Core Algorithm

```
\begin{tikzpicture}[very thick,radius=2cm]
 \begin{scope}
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
     arc [start angle=0, end angle=30];
 \end{scope}
 \begin{scope}[xshift=5cm]
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
     arc [start angle=0, end angle=70];
 \end{scope}
 \begin{scope} [xshift=10cm]
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
     arc [start angle=0, end angle=110];
 \end{scope}
 \begin{scope} [xshift=15cm]
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
     arc [start angle=0, end angle=240];
 \end{scope}
end{tikzpicture}
begin{tikzpicture}[very thick,radius=1cm]
\begin{scope}
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
     arc [start angle=0, end angle=30];
 \end{scope}
\begin{scope} [xshift=5cm]
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
     arc [start angle=0, end angle=70];
 \end{scope}
 \begin{scope} [xshift=10cm]
   \path[draw=black,fill=white] (0,0) circle;
   \hat{fill}=red (0,0) -- (2,0)
     arc [start angle=0, end angle=110];
  end{scope}
 \begin{scope} [xshift=15cm]
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
     arc [start angle=0, end angle=240];
 \end{scope}
\end{tikzpicture}
```

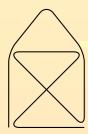
#### References

- [1] Important Authors, Important Title
- [2] More Important Authors, More Important Title
- [3] Less Important Authors, Less Important Title

Hans.Mustermann@deepthought.university

#### **Project Description**

See [1]: Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.



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Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis

See [3]: Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices. Lorem ipsum dolor sit amet, consectetuer adipiscing elit. In hac habitasse platea dictumst. Integer tempus convallis augue. Etiam facilisis. Nunc elementum fermentum wisi. Aenean placerat. Ut imperdiet, enim sed gravida sollicitudin, felis odio placerat quam, ac pulvinar elit purus eget enim. Nunc vitae tortor. Proin tempus nibh sit amet nisl. Vivamus quis tortor vitae risus porta vehicula.



That's all.

#### Poster Tutorial #11

Finally, the contact box is filled. But, in our example case, there is not much space for a lot of contact text. Therefore, we add fit to fit in the text automatically.

```
\posterbox[adjusted title=Contact,fit,fit basedim=12pt]
   {name=contact,column*=4,span=1.5,between=process and bottom}{
 \lipsum[2]
```

Our poster is finished now. Just go to the next page to see the final result.

#### Central Picture

#### Core Algorithm \begin{tikzpicture}[very thick,radius=2cm] \begin{scope} \path[draw=black,fill=white] (0,0) circle; \path[fill=red] (0,0) -- (2,0) arc [start angle=0, end angle=30]; \end{scope} \begin{scope}[xshift=5cm] \path[draw=black,fill=white] (0,0) circle; \path[fill=red] (0,0) -- (2,0) arc [start angle=0, end angle=70]; \end{scope} \begin{scope} [xshift=10cm] \path[draw=black,fill=white] (0,0) circle; \path[fill=red] (0,0) -- (2,0) arc [start angle=0, end angle=110]; \end{scope} \begin{scope} [xshift=15cm] \path[draw=black,fill=white] (0,0) circle; \path[fill=red] (0,0) -- (2,0) arc [start angle=0, end angle=240]; \end{scope} \end{tikzpicture} \begin{tikzpicture}[very thick,radius=1cm]

```
\begin{scope}
  \path[draw=black,fill=white] (0,0) circle;
  \path[fill=red] (0,0) -- (2,0)
    arc [start angle=0, end angle=30];
\end{scope}
\begin{scope} [xshift=5cm]
  \path[draw=black,fill=white] (0,0) circle;
  \path[fill=red] (0,0) -- (2,0)
    arc [start angle=0, end angle=70];
```

```
begin{scope}[xshift=10cm]
 \path[draw=black,fill=white] (0,0) circle;
 \hat{fill}=red (0,0) -- (2,0)
```

```
arc [start angle=0, end angle=110];
\end{scope}
```

#### \begin{scope} [xshift=15cm]

```
\path[draw=black,fill=white] (0,0) circle;
  \path[fill=red] (0,0) -- (2,0)
    arc [start angle=0, end angle=240];
\end{scope}
```

end{tikzpicture}

end{scope}

#### References

- [1] Important Authors, Important Title
- [2] More Important Authors, More Important Title
- [3] Less Important Authors, Less Important Title

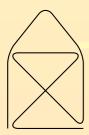
#### Contact

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

Hans.Mustermann@deepthought.university

#### **Project Description**

See [1]: Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.



Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis

See [3]: Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices. Lorem ipsum dolor sit amet, consectetuer adipiscing elit. In hac habitasse platea dictumst. Integer tempus convallis augue. Etiam facilisis. Nunc elementum fermentum wisi. Aenean placerat. Ut imperdiet, enim sed gravida sollicitudin, felis odio placerat quam, ac pulvinar elit purus eget enim. Nunc vitae tortor. Proin tempus nibh sit amet nisl. Vivamus quis tortor vitae risus porta vehicula.

That's all.

#### Central Picture

# Process

#### Core Algorithm

```
\begin{tikzpicture}[very thick,radius=2cm]
 \begin{scope}
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
     arc [start angle=0, end angle=30];
 \end{scope}
 \begin{scope}[xshift=5cm]
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
     arc [start angle=0, end angle=70];
 \end{scope}
 \begin{scope} [xshift=10cm]
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
     arc [start angle=0, end angle=110];
 \end{scope}
 \begin{scope} [xshift=15cm]
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
     arc [start angle=0, end angle=240];
 \end{scope}
\end{tikzpicture}
\begin{tikzpicture}[very thick,radius=1cm]
 \begin{scope}
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
     arc [start angle=0, end angle=30];
 \end{scope}
 \begin{scope} [xshift=5cm]
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
     arc [start angle=0, end angle=70];
 \end{scope}
 \begin{scope} [xshift=10cm]
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
     arc [start angle=0, end angle=110];
 \end{scope}
 \begin{scope} [xshift=15cm]
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
     arc [start angle=0, end angle=240];
 \end{scope}
\end{tikzpicture}
```

## References

- [1] Important Authors, Important Title
- [2] More Important Authors, More Important Title
- [3] Less Important Authors, Less Important Title

#### Contact

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

#### Poster Tutorial #12

Source code for the example poster

```
%% The LaTeX package tcolorbox - version 6.3.0 (2024/07/10)
%% tcolorbox-example-poster.tex: a poster example for tcolorbox
%%
%% Copyright (c) 2006-2024 by Prof. Dr. Thomas F. Sturm <thomas dot
→ sturm at unibw dot de>
%%
%% This work may be distributed and/or modified under the
%% conditions of the LaTeX Project Public License, either version 1.3
%% of this license or (at your option) any later version.
%% The latest version of this license is in
%% http://www.latex-project.org/lppl.txt
%% and version 1.3 or later is part of all distributions of LaTeX
%% version 2005/12/01 or later.
%% This work has the LPPL maintenance status `author-maintained'.
%% This work consists of all files listed in README
% arara: pdflatex: { shell: yes }
% arara: pdflatex: { shell: yes }
\documentclass[12pt]{article}
\usepackage[a3paper,landscape]{geometry}
\usepackage{lipsum}
\usepackage{lmodern}
\usepackage{enumerate}
\usepackage[poster]{tcolorbox}
\tcbuselibrary{minted} % <- replace by \tcbuselibrary{listings}, if
→ minted does not work for you
\pagestyle{empty}
\begin{document}
\begin{tcbposter}[
 coverage = {
     spread,
     interior style={top color=yellow,bottom color=yellow!50!red},
     watermark text={\LaTeX\ Poster},
     watermark color=yellow,
  poster = {showframe=false,columns=4,rows=5},
  boxes = {
     enhanced standard jigsaw, sharp
      colback=white,opacityback=0.75,colframe=blue,
     title style={left color=black,right color=cyan},
     fonttitle=\bfseries\Large\scshape
\posterbox[blankest,interior engine=path,height=3cm,
   halign=center, valign=center, fontupper=\bfseries\large,
    underlay={
```

```
\node[right,inner sep=Opt,outer sep=Opt] at (frame.west)
      \node[left,inner sep=0pt,outer sep=0pt] at (frame.east)

→ {\includegraphics[height=3cm]{crinklepaper.png}};

 ]{name=title,column=1,span=3,below=top}{
 \resizebox{18cm}{!}{\bfseries\Huge My Important Project}\\[3mm]
 Hans.Mustermann@deepthought.university
%----
\posterbox[adjusted

→ title=References] {name=references, column=2, span=1.5, above=bottom} {
 \begin{enumerate}[{[1]}]
 \item\label{litA} Important Authors, \textit{Important Title}
 \item\label{litB} More Important Authors, \textit{More Important
 \item\label{litC} Less Important Authors, \textit{Less Important}

    Title}

 \end{enumerate}
\posterbox[adjusted title=Process, halign=center] {name=process, |

    column=2,span=2,above=references}{
 \begin{tikzpicture}[very thick,radius=2cm]
   \begin{scope}
      \path[draw=black,fill=white] (0,0) circle;
     \path[fill=red] (0,0) -- (2,0) arc [start angle=0, end angle=30];
    \end{scope}
   \begin{scope} [xshift=5cm]
     \path[draw=black,fill=white] (0,0) circle;
     \path[fill=red] (0,0) -- (2,0) arc [start angle=0, end angle=70];
    \end{scope}
   \begin{scope} [xshift=10cm]
     \path[draw=black,fill=white] (0,0) circle;
     \path[fill=red] (0,0) -- (2,0) arc [start angle=0, end
      \rightarrow angle=110];
    \end{scope}
   \begin{scope} [xshift=15cm]
     \path[draw=black,fill=white] (0,0) circle;
     \path[fill=red] (0,0) -- (2,0) arc [start angle=0, end
      \rightarrow angle=240];
    \end{scope}
  \end{tikzpicture}
\posterbox[adjusted title=Project Description] {name=project,
   sequence=1 between title and bottom then 2 between title and
    → process}{
 See [\ref{litA}]: \lipsum[1]
  \begin{center}
  \tikz \draw[thick,rounded corners=8pt]
   (0,0)--(0,2)--(1,3.25)--(2,2)--(2,0)--(0,2)--(2,2)--(0,0)--(2,0);
  \quad by [\ref{litB}]
  \end{center}
  \lim[2-3]\pi
 See [\ref{litC}]:
 \lipsum[4]
  \begin{center}
 \tikz \shadedraw [left color=red,right color=blue]
    (0,0) rectangle (2,2);
 \end{center}
 That's all.
```

```
\posterbox[adjusted title=Central Picture,
 interior style={fill overzoom image=blueshade.png}]
  {name=picture,column=3,between=title and process}{}
\begin{posterboxenv}[adjusted title=Core

→ Algorithm,leftupper=Opt,rightupper=Opt]

 {name=algorithm,column=4,between=top and references}
\begin{tcblisting}{blankest,listing only}
\begin{tikzpicture}[very thick,radius=2cm]
 \begin{scope}
   \path[draw=black,fill=white] (0,0) circle;
   \hat{fill}=red (0,0) -- (2,0)
      arc [start angle=0, end angle=30];
  \end{scope}
  \begin{scope} [xshift=5cm]
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
      arc [start angle=0, end angle=70];
  \end{scope}
  \begin{scope}[xshift=10cm]
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
      arc [start angle=0, end angle=110];
  \end{scope}
  \begin{scope}[xshift=15cm]
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
     arc [start angle=0, end angle=240];
  \end{scope}
\end{tikzpicture}
\begin{tikzpicture}[very thick,radius=1cm]
  \begin{scope}
   \path[draw=black,fill=white] (0,0) circle;
   \hat{fill}=red (0,0) -- (2,0)
      arc [start angle=0, end angle=30];
  \end{scope}
  \begin{scope} [xshift=5cm]
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
      arc [start angle=0, end angle=70];
  \end{scope}
  \begin{scope}[xshift=10cm]
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
     arc [start angle=0, end angle=110];
  \end{scope}
  \begin{scope}[xshift=15cm]
   \path[draw=black,fill=white] (0,0) circle;
   \path[fill=red] (0,0) -- (2,0)
     arc [start angle=0, end angle=240];
  \end{scope}
\end{tikzpicture}
\end{tcblisting}
\end{posterboxenv}
\posterbox[adjusted title=Contact,fit,fit basedim=12pt]
    {name=contact,column*=4,span=1.5,between=process and bottom}{
 \lipsum[2]
\end{tcbposter}
\end{document}
```