Directive of Bibliographical References

Bibliographical references are marked as abbreviations within squared brackets after the sentence [ADS02]. If it is useful, the referenced pages can be marked within parentheses (p. 329 [ADS02]). Within the Bibliography the references (as used within the text) are listed alphabetically, and the detailed reference information are given.

[ADS02]   M. Anjanappa, K. Datta, and T. Song. "The Mechatronics Handbook." In: CRC Press, 2002. Chap. Introduction to Sensors and Actuators, pp. 327-340.

This description follows the biblatex style "alpha", where more information is available via https://www.ctan.org/pkg/biblatex and then "Package documentation (English)". The seminar template at https://github.com/latextemplates/LNCS/tree/lncs_alpha and the bachelor/master thesis template at https://github.com/latextemplates/uni-stuttgart-computer-science-template fully respect these templates.

Monographs / Books:

- Firstname(s) (abbreviated) and Lastname of the author/s (complete) (if more than 6 authors, after the first ", et al.")
- Complete title of the monograph (in case of a subtitle separation as follows "title: subtitle")
- Number of the edition (if not the first edition)
- Publisher
- Month and year of publication
- Total number of pages

Examples and their corresponding BibTeX entries:

[VF13]   O. Vermesan and P. Friess. *Internet of Things: Converging Technologies for Smart Environments and Integrated Ecosystems*. River Publishers, June 2013, 348.

```
@Book{Vermesan2013_InternetOfThings,
  Author    = {Vermesan, Ovidiu and Friess, Peter},
  Title     = {Internet of Things: Converging…},
  Publisher = {River Publishers},
  Pages     = {348},
  Month     = jun,
  Year      = 2013,
}
```

[Gos12]   S. Goswami. *Internet Protocols: Advances, Technologies and Applications*. Springer Science & Business Media, Dec. 2012, 318.

```
@Book{Goswami2012_InternetProtocols,
  Author    = {Goswami, Subrata},
  Title     = {Internet Protocols: Advances…},
```

```
      Publisher = {Springer Science \& Business Media},
      Pages     = {318},
      Month     = dec,
      Year      = 2012,
   }
```

Article of a Journal:

- Firstname(s) (abbreviated) and Lastname of the author/s (complete) (if more than 6 authors, after the first ", et al.")
- Name of the publisher and the addition "(publisher)"
- Complete title of the article (in case of a subtitle separation as follows "title: subtitle")
- Complete title of the journal (in case of a subtitle separation as follows "title: subtitle")
- Volume, month and year of publication, and number of the journal
- Pages of the journal (first page of article – last page of article)

Example and their corresponding BibTeX entry:

[Pet14]   D. Petcu. "Consuming Resources and Services…" In: Journal of Grid Computing 12.2 (Jan. 2014), pp. 321–345.

```
   @Article{Petcu2014_MultiCloud,
      Author    = {Petcu, Dana},
      Title     = {Consuming Resources and Services…},
      Journal   = {Journal of Grid Computing},
      Volume    = {12},
      Number    = {2},
      Publisher = {Springer},
      Pages     = {321--345},
      Month     = jan,
      Year      = 2014,
   }
```

Article of Anthologies (Sammelbände, Konferenzbeiträge):

- Firstname(s) (abbreviated) and Lastname of the author/s (complete) (if more than 6 authors, after the first ", et al.")
- Complete title of the article (in case of a subtitle separation as follows "title: subtitle")
- Complete title of the anthology (in case of a subtitle separation as follows "title: subtitle")
- Name of the publisher
- Volume and year of publication, anthology/series and number of the anthology/series
- Pages of the anthology (first page of article – last page of article)

Examples and their corresponding BibTeX entries:

[Tal08] C. Talcott. "Cyber-Physical Systems and Events." In: *Software-Intensive Systems and New Computing Paradigms: Challenges and Visions*. Lecture Notes in Computer Science 5380. Springer Berlin Heidelberg, 2008, pp. 101–115.

```
@InProceedings{Talcott2008_CyberPhysicalSystems,
  Author    = {Talcott, Carolyn},
  Title     = {Cyber-Physical Systems and Events},
  Booktitle = {Software-Intensive Systems and New
               Computing Paradigms: Challenges and
               Visions},
  Publisher = {Springer Berlin Heidelberg},
  Number    = {5380},
  Series    = {Lecture Notes in Computer Science},
  Pages     = {101--115},
  Year      = 2008,
}
```

[SMN+08] H. Subramoni, G. Marsh, S. Narravula, P. Lai, and D.K. Panda. "Design and evaluation of benchmarks for financial applications using Advanced Message Queuing Protocol (AMQP) over InfiniBand." In: *Workshop on High Performance Computational Finance (WHPCF 2008)*. IEEE, Nov. 2008, pp. 1–8.

```
@InProceedings{Subramoni2008_Design,
  Author    = {Subramoni, Hari and Marsh, Gregory and
               Narravula, Sundeep and Lai, Ping and
               Panda, Dhabaleswar K.},
  Title     = {Design and evaluation of benchmarks…},
  Booktitle = {Workshop on High Performance
               Computational Finance (WHPCF 2008)},
  Publisher = {IEEE},
  Pages     = {1--8},
  Month     = nov,
  Year      = 2008,
}
```

PhD/Habilitation Thesis:

- Firstname(s) (abbreviated) and Lastname of the author
- Complete title of the thesis (in case of a subtitle separation as follows "title: subtitle")
- Addition: "PhD Thesis" or "Habilitation Thesis"
- University of publication
- Month and Year of publication

Example and its corresponding BibTeX entry:

[Fil00] R.T. Fielding. "Architectural Styles and the Design of Networkbased Software Architectures." PhD thesis. University of California, 2000.

```
@PhdThesis{Fielding2000_REST,
  Author = {Fielding, Roy Thomas},
  Title  = {Architectural Styles and the Design…},
  School = {University of California},
  Year   = {2000},
}
```

<u>Workshop Papers:</u>

- Firstname(s) (abbreviated) and Lastname of the Author(s)
- Complete title of the paper (in case of a subtitle separation as follows "title: subtitle")
- Series and volume
- Publisher
- Month and Year of publication
- Pages

Example and its corresponding BibTeX entry:

[KBBL13] O. Kopp, T. Binz, U. Breitenbücher, and F. Leymann. "Winery – A Modeling Tool for TOSCA-based Cloud Applications." In: *11th International Conference on Service-Oriented Computing (ICSOC 2013)*. Vol. 8274. LNCS. Springer Berlin Heidelberg, Dec. 2013, pp. 700–704.

```
@InProceedings{Kopp2013_Winery,
  Author    = {Kopp, Oliver and Binz, Tobias and
               Breitenb{\"u}cher, Uwe and Leymann,
               Frank},
  Title     = {Winery -- A Modeling Tool for TOSCA…},
  Booktitle = {11\textsuperscript{th} International
               Conference on Service-Oriented
               Computing (ICSOC 2013)},
  Pages     = {700--704},
  Publisher = {Springer Berlin Heidelberg},
  Series    = {Lecture Notes in Computer Science},
  Volume    = {8274},
  Month     = dec,
  Year      = 2013,
}
```

<u>Websites:</u>

- Firstname(s) (abbreviated) and Lastname of the author(s) (if known)
- Name of the organization accountable for the website (if name of author is unknown)
- Complete title of the website (in case of a subtitle separation as follows "title: subtitle")
- Complete URL
- Date of last change
- Date of visit

Example and its corresponding BibTeX entry:

[Pip13] A. Piper. *Choosing Your Messaging Protocol: AMQP, MQTT, or STOMP*. Feb. 2013. url: https://blogs.vmware.com/vfabric/2013/02/choosing-your-messaging-protocol-amqp-mqtt-or-stomp.html (visited on 02/29/2016).

```
@Misc{Piper2013_MessagingProtocols,
  Author       = {Piper, A.},
  Title        = {Choosing Your Messaging Protocol…},
  Howpublished = {https://blogs.vmware.com/
                 vfabric/2013/02/choosing-your-
                 messaging-protocol-amqp-mqtt-or-
                 stomp.html},
  Urldate      = {2016-02-29},
  Month        = feb,
  Year         = 2013,
}
```